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Lincoln
A Pear of outstanding merits. Page 14.



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Agriculture

**1947
HANDBOOK
for
GARDEN AND
ORCHARD**

Beatrice
TREES AND SEEDS THAT GROW
SONDEREGGERS

**BEATRICE NURSERY
BEATRICE, NEBRASKA**

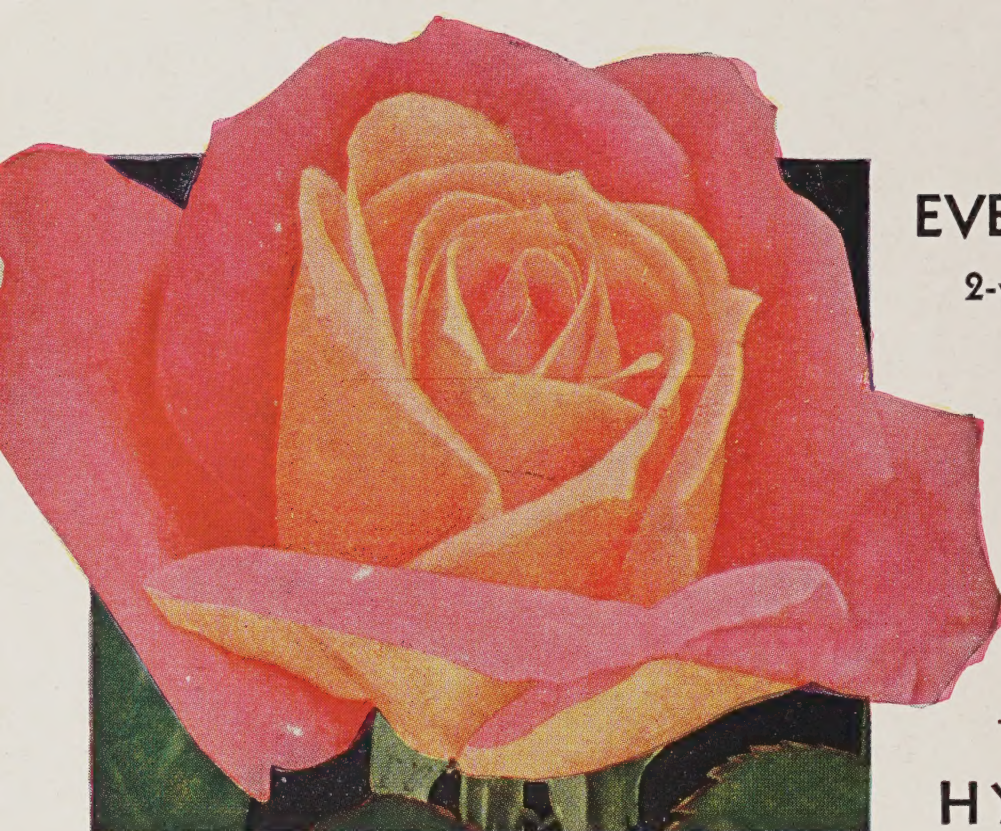
**Early Richmond
Cherry**

Our hardy upland-grown fruit trees produce more and better fruit in your garden. See page 16 for Cherries.

**Chinese
Wistaria**



Strong and hardy. See page 50 for a choice selection of better Climbers.



PRES. HERBERT HOOVER

Roses

EVERBLOOMING

2-yr. "AA" ROSES

All Varieties

98c each, 3 for \$2.70

10 for \$8.35

Prepaid to you

SAFE DELIVERY
GUARANTEED

HYBRID TEA ROSES

PRESIDENT HERBERT HOOVER. In the bud stage as well as when open the flower is very beautiful. Distinct copper coloring with pink and flame tints.

K. A. VIKTORIA. Pearly white with lemon center. A large, fully double Rose of perfect form. This lovely variety leads the list of all white Hybrid Tea Roses.

PICTURE. Clear rose-pink with salmon undertones, and perfectly double.

RADIANCE, PINK. Bright rosy pink, very fragrant, of the large double Radiance type. The plant is a healthy, vigorous grower.

AMERICAN BEAUTY. Very fragrant, crimson-carmin shaded deep pink. One of the oldest and hardiest of the everblooming.

AMI QUINARD. Deepest black-red. A splendid Rose, fragrant and dainty as a cut-flower. Should be in every garden.

E. G. HILL. Brilliant scarlet, very double and does not fade in the sun. An excellent lasting cut-flower.

GRUSS AN AACHEN. Note picture below. Of dwarf, dense growing habit. Blooms throughout summer and fall. Extra good for borders. You will like the delicate shades and wealth of flowers of this Rose.



PINK RADIANCE

Hardy Bush Roses

Our Hybrid Tea Roses and Baby Ramblers, and in northern localities the climbing Roses, need some winter protection. Banking up with soil is the safest. For especially hardy bush Roses requiring no protection, see page 45.

Baby Rambler Roses

Prices above

GOLDEN SALMON

Bright orange-salmon, in large clusters, all summer and fall. Dense compact growth.

IDEAL

Red Baby Rose. Everblooming.

KATHARINA ZEIMET

Double, white, everblooming.



GRUSS AN AACHEN



RED RADIANCE

HYBRID TEA ROSES

RADIANCE, RED. A splendid Rose of lovely cherry-red color, with good stems for cut-flowers. Fragrant; especially good for fall blooming.

TALISMAN. The perfect bud Rose unusually colored in a combination of gold, apricot-pink, and carmine. A Rose-garden is not complete without this beauty.

GLORIANA. This new golden yellow Rose retains its perfect color even through hot weather. Blooms well.

GOLDEN RAPTURE. Beginning in the bud stage, this is a truly lovely Rose throughout, of a rich shining golden color, pleasantly perfumed. Very good.

GRUSS AN TEPLITZ. Bright cherry-crimson, intensely fragrant. A very vigorous and healthy grower. This is the oldest Rose that we are listing, and it still is the most freely blooming variety in existence. For lots of flowers throughout the summer, select Gruss an Teplitz.

All Our Roses 2-year "AA"

98c each; 3 for \$2.70; 10 for \$8.35

PREPAID

HYBRID PERPETUAL ROSES

These are hardier than the Hybrid Teas, almost thornless, and strong growing.

PAUL NEYRON. Largest of all known Roses; often called the "Cabbage Rose" because of its immense, double flowers. Very fragrant, dark pink.

SNOW QUEEN. Pure white, very large, and perfectly double. A vigorous grower that blooms well.

CLIMBING ROSES

PRICE OF CLIMBING ROSES

2-year No. 1 plants: 85c each; 3 for \$2.20, ppd.

CLIMBING AMERICAN BEAUTY. A very popular Rose, and a good grower, with nice, double flowers of red to crimson color. This is one of the finest climbing Roses.

EXCELSA. A very hardy climbing Rose, with bright crimson flowers appearing in large clusters. Individual flowers are double and very showy.

PAUL'S SCARLET CLIMBER. The double, intense scarlet flowers of excellent shape and good size appear in great abundance. It is a good, strong, healthy grower.

WHITE DOROTHY PERKINS. A nicely shaped double climbing Rose, appearing in pretty sprays. Particularly hardy and really the best white climber on the market.

CLIMBING VINES. In addition to the selection of climbing Roses shown here, and taken from the hardiest available stock, for a complete list of hardy climbing vines of all kinds see pages 50 and 51.



AMERICAN BEAUTY—CLIMBING ROSE

HARDY PHLOX

MISS LINGARD. White with light pink shading near center. Medium height; healthy foliage; blooming throughout summer and fall.

DAILY SKETCH. Very delicate pink with bright red eye; extra large florets in giant trusses.

MISS VERBOOM. Medium height; healthy foliage; dense heads of as near blue as can be had in Phlox.

Prices of all plants on this page: 45c each; 3 for \$1.15, postpaid

HARDY ASTERS

BEECHWOOD CHALLENGER Crimson-red; medium height.

RED ROVER. Deep rosy red with golden center.

HARRINGTON'S PINK. True pink; sure bloomer.

BLUE GOWN. See picture.

MRS. W. VAN BEUN-INGEN. Rich salmon-red clear to the center; sure bloomer.

JULES SANDEAU. Large florets, rose-red, crimson eye.

B. COMTE. Bright red; fine shape; healthy grower.



PHLOX, B. COMTE



HARDY ASTER, BLUE GOWN

America's
Finest
PHLOX
Collection

6 plants,
one of each
variety

\$2.45
postpaid

FREE:

with this col-
lection, 2 Red
Russian Lilies.



CHRYSANTHEMUM, ALGONQUIN

CHRYSANTHEMUMS

BURGUNDY. Rich deep red-wine color.

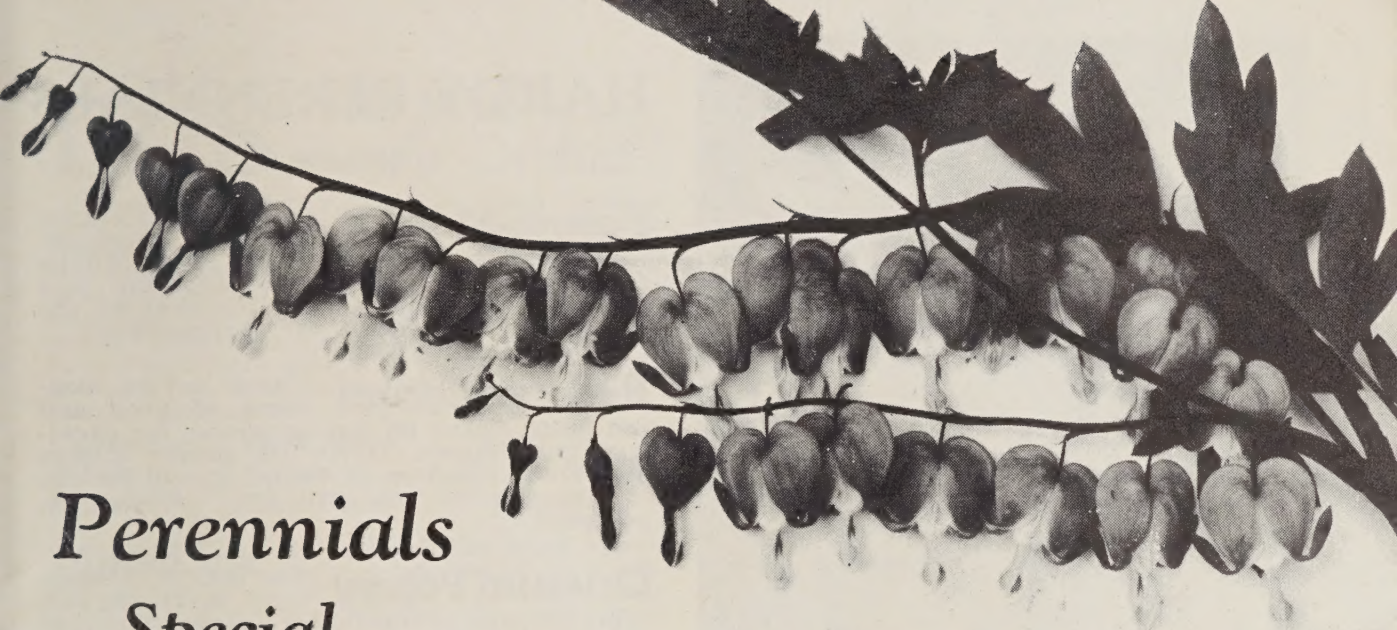
HILLS OF SNOW. Finest white Chrysanthemum.

ALGONQUIN. Note picture. Very fine.

DEAN KAY. Rose-pink; lovely flower.

ROSE GLOW. Raspberry-rose-pink.

DEAN LADD. Very double; reddish bronze; very early.



Perennials

Special Selection of the Choicest Types

Baby's Breath The New Bristol Fairy, grafted plants. In the garden and in a bouquet, indispensable flower, the small double florets appearing in great number along the twigs and stiff branches form great sprays of white. The ideal bouquet material with other flowers. Blooms continually all through the summer. Height 2 feet. Each, 75c, postpaid.

Hardy Ferns . . .

Goldie's Wood Fern (Aspidium) Its beautiful fronds grow 2 feet tall, almost evergreen. Likes shade and good drainage of the soil. Each, 40c, postpaid.

Ostrich Plume Fern The tallest grower of the outdoor ferns, with graceful, finely cut pinnules, reaching a height of 3 feet. Each, 40c, postpaid.

Cushion . . .

Chrysanthemums

Red Cushion A very pretty fall flower, showy blossoms, perfectly double.

Pink Cushion Blooms practically all summer until frost, and its blossoms are of beautiful shades of pink, orchid, and golden centers.

Bronze Cushion An extremely rich bloomer, with deep bronze blossoms, turning to a coppery yellow.

White Cushion Opening in a delicate shade of pink, turning creamy white, and finally clear white as the blossoms open to their full large size.

All cushion chrysanthemums: 45c each; 3 for \$1.15, postpaid.

Bleeding Heart See photo above. The old-fashioned type with the delicate heart-shaped flowers along gracefully arching branches. Blooms in May and June, and should be in every garden. Each, 72c, postpaid.

Hardy Violet . . .

King Edward An old English strain which blooms early in the spring and again in the fall. Flowers extra large, deep purple, and very fragrant. A dainty border plant for your garden. Each, 39c, postpaid

Grasses . . .

. . . hardy ornamental types

Pampas Grass Erianthus ravennae, or Plume Grass. Grows to a height of 10 feet and more, and eventually throws up as many as 30 flower heads topped with silvery plumes. Each, 49c, postpaid.

Gracillima Grass Grows 5 to 6 ft. tall, with narrow, shiny-green leaf-blades, produces numerous silvery plumes in fall, and for winter decoration. Each 40c, postpaid.

Ribbon Grass Phalaris. Grows 2 ft. tall, with broad leaf-blades, striped lengthwise ivory and green. Very good for rockeries and borders. Each, 35c, postpaid.

Hemerocallis Hyperion A delightfully fragrant, lemon yellow flower, in shape and size like the Amarillis. Produces its beautiful blossoms in greatest freedom through July and August, when flowers in the garden and for bouquets are scarce. Height about 30 inches. Does well most anywhere, and is hardy. 45c each, postpaid.

HARDY PERENNIALS

(Continued)

Forget-Me-Not Lovely flower, known to most everyone. Blue, of creeping habit. This is the Alpine strain growing about 8 inches tall and blooming through the greater part of the summer. Each, 35c; 3 for 90c; postpaid.

Red Pyrethrum Extra large blossoms of pink and red color, borne on strong stems, for excellent cut-flowers. With its pretty foliage and great freedom of bloom it will be one of the flowers you will love. Each, 45c, postpaid.

Oriental Poppy The scarlet crimson type with black spots at base of the flower petals. The best for Memorial Day decorations. After several seasons of experimenting we are convinced that spring planting of Oriental Poppies is entirely too risky. For this plant we recommend only fall planting. We will be able to supply Oriental Poppies in the fall. The special new and improved types we will have at that time will be 35c each; 3 for 95c; postpaid.

HARDY CARNATION

Crimson King 18 inches tall. Excellent deep crimson, well shaped, showy in the garden, and very valuable for bouquets. In our own gardens there is hardly another plant which blooms so continually as this Carnation, beginning in the spring and ending with heavy frost in late fall. Each, 45c, postpaid.

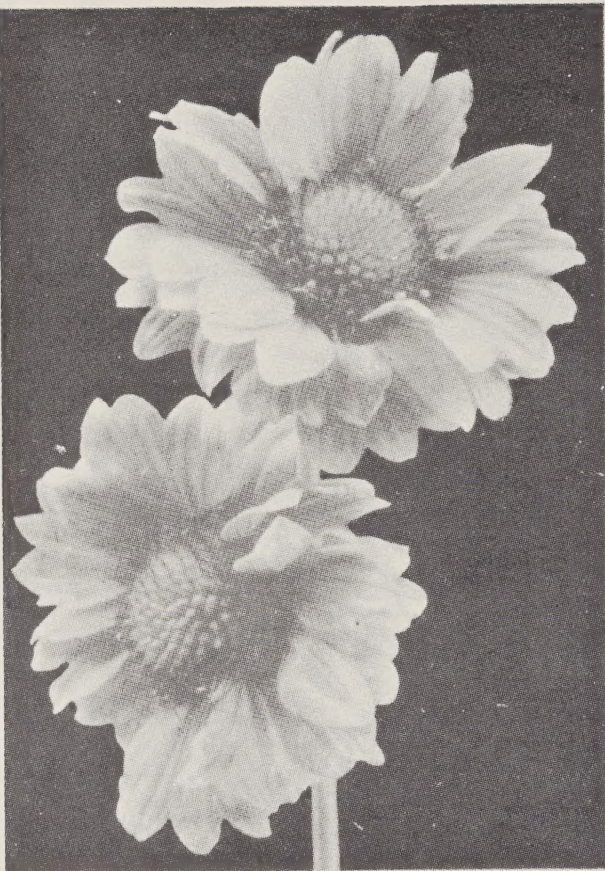
HARDY SWEET PEA

Lathyrus A very satisfactory perennial climber, and generally used for low and medium sized trellis covers, for fence-climbers, or for ground-cover. It blooms with greatest freedom throughout the summer, in all color shades from rose-lilac to bright red. Easy to grow, and perfectly hardy anywhere. The flowers are just like those of the regular Sweet Peas. Each, 38c; 3 for \$1.00; postpaid.

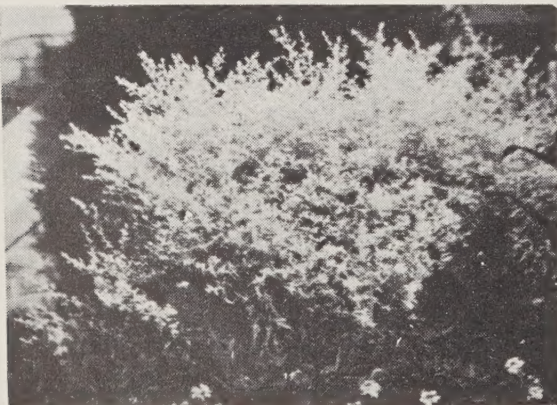
EVERBLOOMING DAISY

King Edward Shasta Daisy Largest and prettiest of the hardy Shasta Daisies. After trying many different strains, we find this giant-flowered type to bloom most continuously throughout the summer. Excellent cut-flower. 40c each; 3 for \$1.00; postpaid.

Hardy Pinks We have the upright, double Sweet Williams in many different colors, mixed. Also the Scotch Pinks with a dense blue-foliage, and very showy single-pink blossoms. Very good for border-planting. Your choice of Sweet Williams or Scotch Pinks 38c each; 3 for 95c; postpaid.



Gaillardia Note picture above. Here is one of the most continually blooming plants for your garden, as showy in the flower bed as it is in your bouquet; and this new Monarch strain we are offering is of special large size. It grows to a height of about 2 feet and blooms throughout summer and fall in varied colors ranging from yellow to maroon. A strong robust grower, requiring very little care, and lasting for many years. Each, 35c; 3 for 90c; postpaid.



Artemesia, Silver King This is a hardy perennial growing to a dense bush form about 2 feet high, and can be kept lower by shearing. The silvery white twigs and foliage, compact growth, and extreme hardiness place this plant among the most attractive for color effect. Can also be planted in hedge style 12 inches apart in the row. Reaches full size in one season. 40c each, prepaid.

IRIS "the poor man's Orchid"

Through recent years, Iris have become very scarce. In our growing field we have retained in each color the best varieties we have formerly listed, and in order to give quicker service under existing labor-shortage, we offer them assorted as to color. Plant Iris shallow, the corms should be covered only about 1 to 2 inches. They do well in most any soil, they are very hardy, and spread very nicely.

Lavender	Dark Blue	4 for 98c
White	Yellow	12 for \$2.70
Purple	Two-Tone	prepaid

Mixed Iris Sometimes the field labels become damaged or lost. Of such Iris we would not know the color until the following spring. We sell them as mixed colors. No. 1 corms, 6 for 55c; 12 for 98c; postpaid.

DELPHINIUMS

Black Knight The darkest color found in Delphiniums, and with extra large florets, often measuring over 2 inches across, on beautifully shaped, giant spikes. A beautiful flower for the garden and for bouquets. Strong, healthy plants, 45c each, postpaid.

Hybrid Delphiniums Extra free flowering, of the large flower and spike strains, in many unusual shades of blue to white. Very choice plants, 38c each, postpaid.

Trailing Periwinkle Vinca Minor, or Creeping Myrtle. This fine Evergreen ground cover plant is listed on page 51.

Veronica Of this very hardy flower we have three extra choice types:

Dwarf Veronica Creeping type, for rock - gardens, blooming beautifully in the spring—Blue.

Royal Blue Low bush form, about 12 inches high, very deep blue through spring and early summer.

Blue Spire A fine, tall flower for bouquets throughout summer and fall. Price of all Veronicas: 40c each; 3 for \$1.00; postpaid.

Planting Instructions

Plant perennials in any good garden soil. Do not use fertilizer at planting time. If fertilizer needs to be added to the soil later on, it should be applied to the surface of the soil, not in contact with the roots. Plant so deep that the center leaves (heart of the plant) are not covered, but the roots want to be completely in the ground. Water each plant right after planting; this settles the soil, and starts new root-growth immediately. Don't depend on rain instead of watering when you plant. Through the summer, an occasional light cultivation of the soil produces more flowers and stronger plants, also preserves the moisture in the soil.

BEATRICE, NEBRASKA



Finest Double PEONIES

All top-size roots, 3-5 eyes each. Plant them deep enough to cover the eyes 1 inch deep.

Edulis Superba A pretty cut-flower, sure bloomer. One of the very choicest mid-season Pink Peonies.

Felix Crousse Brilliant ruby-red with silvery edges. Mid-season, blooms very freely, exceptionally well shaped.

Festiva Maxima The finest white, sure - blooming Peony, very large and double, center petals tipped red.

Karl Rosenfield Striking rich crimson, a sure bloomer, pretty shape, mid-season.

Prince of Darkness Very double, and one of the darkest Peonies out.

Sarah Bernhardt Apple - blossom pink with silvery edges on petals. Blooms nice, very showy.

Prices of all assorted Peonies listed above: 75c each; 4 for \$2.68; postpaid.

Double Peonies, Mixed These are full size roots, with 3 to 5 eyes each. Strictly double varieties, no single flowering types included. You can state the color, Red, Pink or White. We furnish them according to your choice. 55c each; 3 for \$1.48; 6 for \$2.65; prepaid.

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The
Trade-
Mark
of
Reliability



TERMS:

The change of name, from Sondereggers Nursery to Beatrice Nursery has been made in order to simplify the work in general mail channels, and thereby increase the efficiency of our services to you. Our stock is grown under the direct supervision of Charles Sonderegger. Your orders and your correspondence are cared for promptly and carefully by an organization of experienced men and women, headed, as in the past, by Paul Baier and Fred Sonderegger. Every member in this organization earns his position by actual work—and that includes the "bosses." We employ the best up-to-date methods throughout the business, to assure the faultless handling of your order, whether large or small. This book offering our goods has been written with utmost care, avoiding any exaggeration; we intend for it to be the most reliable guide in your garden and orchard work. Our terms are much the same as used by other reputable mail-order houses, and we are always happy to fulfill our obligations under our terms.

Guarantee All shipments are guaranteed to reach you, in first-class condition. Replacements are furnished free if a tree or shrub is not in satisfactory condition upon arrival, and if you notify us promptly. Stock that dies during the first growing season is replaced at one-half of the regular price. Claims, however, must reach us before October 1, 1947.

Stock True to Name All Our trees and plants are carefully labeled, and are true to name. However, if there should ever be an error found in the filling of an order, any tree or plant that is not true to name shall be replaced without any cost to the customer, or refund of purchase price shall be made. Claims to be sent in within 6 years from date of delivery.

Remittances Money orders and bank drafts are absolutely safe to mail in a letter. Personal checks from any of our friends and customers are also accepted. Cash should be sent by registered letters only; it is not safe to send cash in ordinary letters. When the remittance is not sent in with the order, and instead the amount is to be collected on delivery (C. O. D.), one-half of the total of the order should accompany the order as a down payment. C. O. D. shipments are seldom requested; it is an expensive way of making remittances, and often causes a little delay in the delivery of live trees or plants.

Prices This garden book and prices therein quoted cancel all former price lists or quotations. All prices quoted in this book are subject to change without notice after June 1, 1947.

10% Premium on Club Orders When several neighbors club together and send in a combined order, we send along a premium, customer's choice, selected from this book. The premium to be worth 10% of the order total.

Disclaimer on Seeds We exercise great care to keep all seeds properly labeled, clean, and pure. However, we are compelled to make all seed sales under the following disclaimer: The Sonderegger Seed Store gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds they sell, and will not be responsible for the crop. Every reputable seed house is using this same disclaimer.

Attached to every shipment of trees or plants is a copy of Certificate of State Inspection.



Hardy HERBS

The following are the most frequently needed herbs. They are hardy, stay in your garden for many years, and continue to supply your kitchen for a long time, beginning the first year.

Sage The best hardy kind for seasoning. This is the true Holt's Mammoth Sage, furnishing large quantities of leaves which are dried, and used for their aromatic value. Per plant, 35c, postpaid.

Chives A plant of the onion family, producing very thin tops, which are cut and used for seasoning in green form, like Parsley. Per bundle, 30c; 3 for 75c; postpaid.

Peppermint A very useful hardy herb, highly aromatic. Per plant, 25c, postpaid.

Horseradish Selected crowns for planting. The best all-white variety. Strong crowns for a good crop the first year. 3 for 70c; 10 for \$2.20; prepaid.

RHUBARB (Pie Plant)

Giant-Stalk Victoria For years this has been the heaviest producing Rhubarb for the home-garden. Producing heavy, thick stalks, 14-inch average length, in two heavy bearing seasons, spring and fall. Quality of this Rhubarb is better than any of the older sorts. Victoria Rhubarb should be planted on moist ground, preferably in the shade, where it is not so apt to make seed stalks. Our heavy roots will produce a good crop the first year already. Heavy roots, 3 for 55c; 6 for 95c; 12 for \$1.75; prepaid.



New Seedless Rhubarb

Chipman's Canada Red - Sweet. Stalks almost as large and heavy as those of the Giant Victoria. Red from bottom to top, pink-meated, sweet, cooking up to the finest dessert and pie-filling that can be put on the table, and fit for a king. The heavy roots we furnish, will begin to supply you with its fine product the first year, and will continue in your garden for many years. We are pricing these roots so that everybody can afford to plant this spring. 59c each; 3 for \$1.55; postpaid.

New Paradise ASPARAGUS

A great improvement over all former varieties. Rust-proof, bears larger, thicker tips of finer quality than anything that has ever been produced in Asparagus. Plant more of this permanent hardy vegetable. Take advantage of these new low price rates for strictly first class young plants which are sure to start.

10 for 70c; 25 for \$1.25; 100 for \$4.40; postpaid.

How to Grow Asparagus

Manure the ground heavily, using well rotted barn manure. Make a trench 8 to 10 inches deep. Have 4 inches of good rich ground on the bottom, spread the roots out evenly and fill in about 3 to 4 inches of soil. Leave the rest of the trench lay open for the first summer. Let all stalks grow the first year. Fill the trench up in the fall of the first year. Let several stalks grow on each plant the second year. In the third year allow one stalk per plant to grow up, cut all others as soon as they appear above the ground. Cultivate occasionally. Plant 1 ft. apart in the row, the rows 3 ft. apart.

Hardy APPLES

Delicious, Yellow An apple of medium size, golden yellow. Possesses a rich flavor, resembling that of pears, quite sweet. It is one of the finest table apples you can get. Perfectly hardy here, and most anywhere in the Middle West; bears young. Ripens first week in October.

Delicious, Double Red Delicious is the best paying apple on the market, and in this improved double red strain the special dark red color develops early in the ripening season, and evenly, covering the entire apple. Due to this fact, the apple can be picked while still perfectly hard, and having its extra fine color. Hard-ripe picking makes this apple the longest keeper of any. Ripens October 10. Hardy in the Middle West, and the tree is a vigorous grower.

Grimes Golden Contains practically no acid. Combines a rich aromatic flavor with an attractive golden yellow color, and a long season of usefulness. It is one of the oldest apples in America, and still one of the very best. The tree is healthy, a good grower, and bears well, but should be pruned annually as it is inclined to grow bushy. Do not plant it north of the middle of Nebraska. Ripens end of September.

Northwestern Greening Vigorous grower, extremely hardy; does well most anywhere, especially in the North and Northwest, where few apples of such high quality grow successfully. Keeps well, fruit is large, greenish yellow when ripe. One of the best for baking. Restaurants pay premium prices for them. Ripens middle of October.

Planting Instructions

Plant Apples 30 by 30 feet apart, or plant 35 by 35 feet apart, and plant filler trees between each two apple trees. For filler trees we recommend Cherries and Peach trees. These fillers will give you an early income from your orchard, and can be removed when the apples require all the space in later years.

WINTER

These apples ripen late, and keep well, many years of experience we have a select

All-Red Jonathan A direct descendant of the famous Jonathan, not crossed with any other apple, therefore it possesses all of the fine flavor, juiciness and refined texture of the Jonathan. Through careful search for Jonathan of extra high color, and for several years taking propagations only from such trees, the All-Red Jonathan can finally be offered at no extra cost. Just like the old fashioned Jonathan, it is an apple of medium size, ripening end of September, and keeping in an ordinary cellar until Christmas. The tree is hardy through the corn belt, but not suitable for the extreme North. An orchard without some Jonathans just is not an orchard, and in this improved strain quality and looks have been joined.



Farm... APPLE

- 1 Grimes Golden
- 1 Jonathan
- 1 Red Delicious
- 1 Winesap

8 trees, all 4 to 6 ft. trees, for early bearing,

Free With this Collection:
1 Chinese Purple Wistaria Vine, a fine hardy climber.

Prices of All Apple Trees

Pages 10 to 13

2-3 ft. trees, whips, for large orchard planting	1	3	10
	\$0.70	\$1.95	\$6.20
3-4 ft. nice 2-year roots, 1-year stems	.85	2.35	7.75
4-6 ft. trees, extra strong 3-year roots, and 2-year stems	1.20	3.20	10.00
5-7 ft. super-size 3 year roots and two year stems	1.45	3.90	...
2 to 4 ft. trees priced prepaid;			
4 to 7 ft. trees by express.			

APPLES, LATE

most of them until spring. From tion of satisfactory varieties.

Mammoth Black Twig (Paragon.)

A Russian apple, one of the very best for the Middle West. A good bearer, and the tree is perfectly hardy up to South Dakota line. Large, dark red, firm, sub-acid and juicy, keeps well in common cellars. You will find this apple highly satisfactory, and I urge you to plant more of this variety. Ripens middle of October.

Old-Fashioned Winesap

A good tree for home orchard. Apples little, too small for market; quality is good, keeps well. Dark red. Tree bears heavy, perfectly hardy in the Middle West. Ripens middle of October.

...Home ORCHARD

- 1 Wealthy
- 1 Duchess
- 1 Red June
- 1 Dolgo Crab

\$8.00

Express
Safe Delivery
Guaranteed

BEATRICE, NEBRASKA



A well kept orchard of Sonderegger apples, a grand sight at blooming time, and a money maker for its owner.

Stayman's Winesap

A popular market apple, very large, striped dark red, keeps well, and is in strong demand for cooking. Ripens in October.

Golden Winesap

This wonderful apple combines the juicy tartness of the Jonathan, the satisfying meatiness of the Winesap, all the Beauty of the Winter Banana, that deep golden color of Grimes Golden with a rich red blush, and the long keeping quality of the old Ben Davis. And to top it all the tree bears young, as quickly as Dwarf apples. Completely hardy. This has been one of the many introductions of the late Mr. Carl Sonderegger. Ripens in October.

Black Ben Davis

A great improvement over the old fashioned Ben Davis in color, which is very dark red all over. It is extremely hardy, and under normal storage conditions keeps until late spring. A heavy bearer; ripens middle of October.

PLANTING INSTRUCTIONS

Plant Apple trees about 2 inches deeper than grown in the nursery. This puts the bud (or graft) just above the roots about 1-inch below the surface of the soil, which is just right. Cut the ends of all roots smooth with a sharp knife, making a slanting cut. This applies to all trees and shrubs, and stimulates the formation of new roots.

Apple Trees continued on pages 12-13.



YELLOW TRANSPARENT PAGE 13

CRAB APPLES

Due to their stronger and more spreading growing habits, Crab apples are sometimes used for ornament, medium-size shade trees as well as for the fruit. They are hardy anywhere. The following two varieties are the best all-purpose Crab apples.

Whitney Sweet Crab Green with red stripes, averaging about 1½ inches in diameter, and therefore large enough to make a good eating apple for home use. Ripens early in August, and being a sweet apple, it makes a highly desirable summer apple. It is also a cooking apple of high quality. Should be in every orchard, and in the North it will be one of the hardiest, and most dependable bearers.

Dolgo The dark-red Jelly Crab. The high quality of this beautiful red crab apple, the abundance in which they are produced, and the hardness of the tree, will satisfy you in every respect. The tree bears young and grows well, you can grow Dolgo for a very pretty shade and ornamental tree. The apple is egg-shaped, appears in clusters, it is dark red all over, and even the flesh is of reddish color, this and the grand flavor of this apple make it the finest for jelly.

PLANTING INSTRUCTIONS

Fill in with good top-soil around the roots (no fertilizer to be added to this soil), and water well at planting time. Watering is the best method of packing the soil firmly around the roots. After planting apple trees should be pruned. Cut all branches back to about one-half of their length. The center-leader may be cut back a few inches.

FALL APPLES

They ripen between the Early and Winter apples. In the North, where Winter apples would not mature, they take the place of winter apples. Through the Mid-West, East and South they are profitable market apples for early fall.

Anoka Fairly good in size, yellow with red stripes. Ripens here end of August. One of the very best for the North, where its ripening season is the latter part of September, and makes a very nice keeper. Anoka begins to bear at an early age, and produces well.

Wealthy This apple can be grown successfully most anywhere clear to the extreme North. It is a great bearer, in fact few varieties are so hardy and so productive. Wealthy is a fine apple, for cooking or table use, for drying or for pies. Large, mostly covered with red, fine grained and juicy. Without this good apple your orchard is not complete. We recommend Wealthy, knowing that you will love this good fruit. It ripens here early in September, but farther north the ripening season will be later, and the apple will be a longer keeper.

PRICES OF ALL APPLES PAGE 11

Spray Guide

In localities where apple trees suffer from ccessful orchardists follow the spray sched fruit clean. The remedies used are obtainable from your druggist.

PESTS	WHAT TO USE	Tablespoon-fuls to 1 Gallon Water
San-Jose and Oyster Shell Scales and Blister-Mite.. European Red-mite	Dry Lime-Sulphur..... Spra-Mulsion	9 to 11 8
Bud Moth, other chewing insects and Scab.....	Dry Lime-Sulphur..... and Arsenate of Lead..... and Hydrated Lime.....	3 2 2½
Codling Moth, Curculio, Bud Moth Scab, and "Frog Eye".....	Dry Lime-Sulphur..... and Arsenate of Lead..... and Hydrated Lime.....	2 2 2½
Second-Brood Codling Moth	Arsenate of Lead.....	2

EARLY APPLES

Early apples are hardy anywhere, hardier than any other apples, and they bear young, and extra well. However, the fruit of early apples does not keep very long after picking. For home use early apples should be planted only in small numbers unless there is a city nearby where early apples would always find a good market.

Duchess of Oldenburg An excellent cooking apple. Medium to large in size, greenish yellow with red stripes. Bears heavily. For cooking and pies it is unsurpassed, but for raw eating it is a little sour. The tree grows to large size, used as a shade and fruit tree with a very heavy foliage. Where the tree is to be planted for shade and fruit, we recommend the larger size for planting. The apple ripens here in early August.

Early Harvest This is our earliest apple, with us here it usually starts ripening July 4th. Years ago on the Sonderegger farm the earliest fruit in orchard was Early Harvest apples and Mayflower Peaches. You must grow these trees yourself to appreciate fruit of such quality and so early in the summer.

for Apples

insect or disease attacks, succule below. This will keep the Sherwin-Williams products.

WHEN TO SPRAY OR DUST

When the trees are dormant.

1. When the blossom buds begin to show. (The pre-pink spray, when the buds are in the "Cat's-Paw.")
2. The pink spray—just before the flowers open.

3. At the fall of the petals (Calyx Spray).
4. Ten days to two weeks later.
5. Three weeks after the Calyx Spray.
6. Four weeks after the Calyx Spray.

Approximately ten weeks after the fall of the petals.



Sonderegger trees, because of their greater vitality, bear young and well. This tree, just 6 years after planting, produced over one bushel of extra choice Grimes Golden apples. Upland growing under our severe climatic conditions gives a tree the greater vitality needed for young and heavy production.

Red June A little later than Early Harvest. The apple is of medium size, nice for home-use or market, it is yellow, striped red. This is an old-fashioned apple, and its very good eating qualities will always give it a favored place with the experienced orchardist. Ripening season July to August.

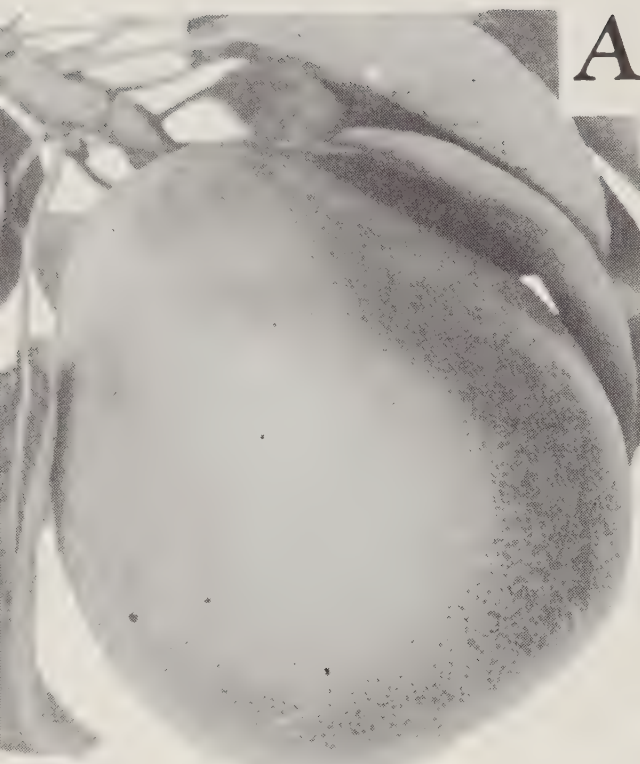
Yellow Transparent Fruit medium large, smooth, skin clear white turning pale yellow when ripe. The flesh is white, fine grained, aromatic, and of splendid quality. Ripens a week or 10 days after Early Harvest. The tree is a vigorous grower, and a good bearer, perfectly hardy, beginning to bear quite young, and it does well in most any location.

You May Like to Know

That the production of one apple tree requires 22 separate operations, 12 of which must be hand-work by highly skilled men. 10 operations are performed with mechanized equipment. This does not include assembling of the tree in your order, or such handling as packing for shipping. Every fruit tree represents 3 years of careful work, mostly handwork.

Pruning of Apple Trees

So that the trees make an even shaped crown, apples should be pruned every year or two. Shorten the longest limbs. Cut out some of the branches where they stand too thick. Cut out the "water-sprouts." This is done very early in the spring. Trees growing extra fast due to favorable soil or weather conditions, should have a light summer pruning of the new branches. This applies also to Peaches.



America's Choicest Hardy PEARS

Prices of Pears

STANDARD TREES

	1	3	10
3-4 ft. nice straight trees, prepaid	\$1.45	\$4.10	\$12.60
4-6 ft. 3-year roots, 2-year stems, selected speci- mens	1.82	5.30	16.20

The 4 to 6 ft. trees are too large to ship by parcel post. If your order for trees (seeds not included) amounts to \$15.00 or more, we pay the freight.

Seckel Sugar Pears .

Seckel Pear Also called Sugar Pear. Fruit is not very large, but is of finest flavor, as good as the best for table use, and for this purpose Seckel should be in every orchard. I do not recommend it for canning. Tree is a slow grower, but bears extra well, and is hardy. Can be grown wherever pears are known to succeed. Seckel ripens in September.

Bartlett—Early The pear that is first on the market, ripening end of July and August. A pear of fine quality for eating and canning, and the tree is hardy in the eastern states, the corn belt, and of course in the South.

Kieffer The popular late market pear for canning. A hardy, heavy producer, that can be grown anywhere, even in the North where other pears would not be sufficiently hardy. For fresh eating the quality of Kieffer is not as good as that of the other sorts listed here, but for canning it is as good as any.

Clapp's Favorite Early. It is harder than Bartlett, does well in the northern part of this state, Iowa, Minnesota, Wisconsin and the Northeast. Tree is a good grower, and very productive. Fruit large, pale yellow with dull red and russet specks, fine grained, juicy and sweet. Ripens in August.

Lincoln Rapidly becoming popular, owing to its very good qualities. It is a large pear, yellow, flushed with bright red; fine for table use or canning. Hardy in Nebraska, anywhere in the corn belt, and the East. Your pear planting should include this tree.

Flemish Beauty Large, sweet pear, pale yellow, melting with delicious flavor. A vigorous growing tree, hardy, and one of our best mid-season pears.

Spray Guide

Where pear trees are known to have been infested, follow this spray guide for a year. Use Sherwin-Williams sprays.

PESTS	WHAT TO USE	Level Tablespoon fuls to 1 Gallon Water
San Jose Scale, Blister Mite..... Psylla	Dry Lime- Sulphur... Spray Mul- sion.....	9-11 8
Psylla, Slug, Scab and Codling Moth	Dry Lime- Sulphur... Arsenate of Lead..... and Nicotine Sulphate..	3 1½ to 2¼ and 1

PLANTING INSTRUCTIONS

Pears should be spaced at least 30 feet apart, and due to their tall, upright growth, often fit in well as shade trees, for instance, in the back yard. Planting of the trees should be done as stated for apples on pages 10 to 13. Pears succeed in poor soil, in fact they begin to bear younger if the trees grow slow due to inferior soil.

**pick the
finest Pears
from your
Own Trees**

Home Garden Pear Collection

Ripening from July to
October

1 Bartlett 1 Duchess
1 Flemish Beauty 1 Keiffer
4 fancy 4-6 ft. trees, only

Free: with this
collection—

4 Giant Victoria
Pie Plants

\$6.85

by Express

Duchess of Angouleme. Very large, fine quality and juicy. It is a late pear that keeps well into winter, if picked and stored hard-ripe. Ripens here in early October. A wonderful fruit for all purposes, successful anywhere except the extreme North. Also, available in dwarf tree form, see Dwarf Pears.

Douglas A good, blight-resistant pear. Wherever pears have been known to suffer under pear-blight (a disease of the wood and foliage) Douglas will succeed better than any other pear, as it is almost blight-proof. The pear is large,

**Duchess
of Angouleme**

yellow with rosy blush, and of fair quality. The tree is extra hardy and a strong grower. Ripens mid-September.

DWARF PEARS

The Espalier form of pear trees, due to a different type of roots on which they are budded. These trees can be planted as close together as 12 to 15 feet, will come into bearing within two to three years, therefore especially desirable for the small home garden. The fruit is exactly the same as that of standard pear trees, and we can supply the following varieties in Dwarf trees:

Duchess of Angouleme, Seckel and Bartlett. Supply of these trees is limited. Not more than 5 trees per customer. 3 ft. trees, well rooted, \$1.85 each; 3 for \$5.00; postpaid.

QUINCE

This tree grows in Dwarf shape, usually to an ultimate height of about 15 ft. Its foliage of small dark green leaves, and dense branch system, would make the Quince a desirable ornament, particularly at blooming time, when the bluish pink buds and blossoms cover the branch tips. Add to the nice appearance of a quince its very valuable fruit, and you have a tree worthy of a place in your garden. If you like the fine flavor of Quince, try this variety: Orange Quince, large fruit, golden yellow when fully ripe, and hardy wherever peaches can be grown successfully. 3 ft. size \$1.60 each; 2 for \$3.00; postpaid.

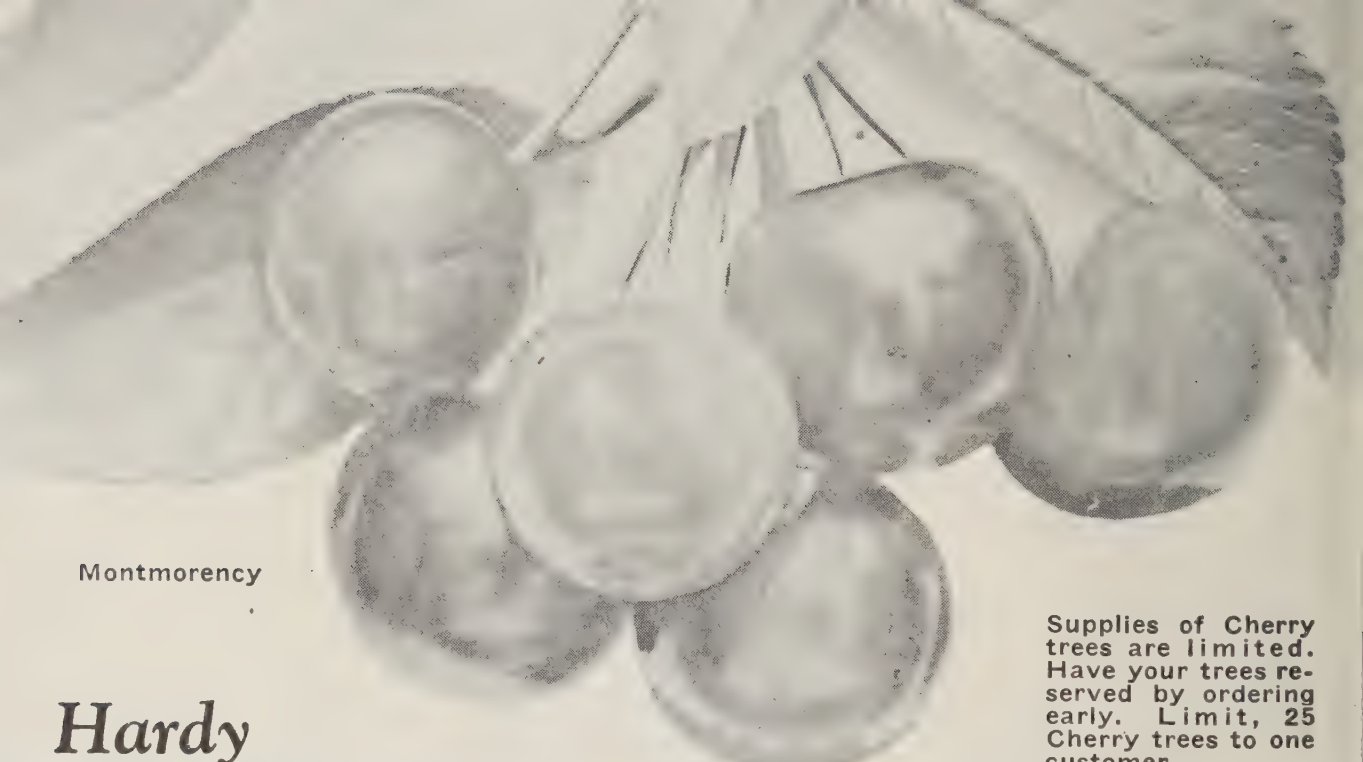
for Pears

attacked by insects, we recom-
or two, to rid the trees of the

WHEN TO SPRAY OR DUST

When the trees are dormant.

1. Just as the cluster buds are opening.
2. At the fall of the petals.
3. Two weeks later.



Montmorency

Hardy CHERRIES for Quick, Large Crops ..

Early Richmond May Cherry. The common medium red cherry, highly productive, and very hardy. Quality is good for pies and canning. An excellent tree for the Midwest and the North, bears regularly. Ripens in June.

English Morello Large fruit, very dark red, nearly black; tender, juicy, rich in flavor, and ripens rather late, quite sour. Hardy up to the middle of Nebraska and Iowa. Tree is of spreading form.

Montmorency The above photo, actually taken natural size of my Montmorency Cherry, will give you an idea of the size and heavy bearing of this tree. It is a good red cherry, not very sour, ripens about 10 days after Early Richmond. Very productive, and hardy throughout the East, Northeast and the entire Middle West. Should be in every town or farm garden and orchard.

Wragg For the West and Northwest. Fruit medium to large, dark red, and of fine quality, almost like English Morello. Tree is very hardy, a good grower, and highly productive. For western Kansas, Colorado and western Nebraska, it is one of the best cherries. Ripens in July.

PLANTING INSTRUCTIONS

Cherries do well most anywhere, except on low ground, where the soil is apt to stay very wet for days and possibly weeks at a time. The best place to plant is on a slope. The soil does not need to be rich, even poor soil produces good Cherries. Plant Cherry trees 20 by 20 feet apart, or plant them as filler trees in the Apple orchard.

Supplies of Cherry trees are limited. Have your trees reserved by ordering early. Limit, 25 Cherry trees to one customer.

Prices of All Cherry Trees

	1	3	10
3-4 ft. fine, branched trees, prepaid	\$1.50	\$4.30	\$13.65
4-6 ft., 3-year roots, 2-year tops, well branched.....	1.75	5.10	16.20
Special Grade, 11-16 inch to 1 inch caliper, choice trees for quick crop.....	1.98	5.60	18.00

Trees of 4 ft. and up are too large to be sent by parcel post. If your order amounts to \$15.00 or more (not including seeds) I pay the freight on the shipment.

Spray Guide

Cherry trees are hardly ever attacked by rare cases of infection; follow spray guide

PESTS	WHAT TO USE	Level Table-spoonfuls to 1 Gallon Water
Brown Rot, Leaf-Spot, Curculio and Slug.....	Dry Lime-Sulphur... and Arsenate of Lead.....	3 and 1½ to 2½
Leaf-Spot	Dry Lime-Sulphur....	2½ to 3
Cherry Fruit-Fly or Maggot.....	Arsenate of Lead.....	1½ to 2½

Special . . .

Popular CHERRY Group

2 Early Richmond

2 Montmorency

1 English Morello

4-5 ft. nice trees,
9-16 inch Caliper, for.....

FREE with this collection:

3 Hansen's Bush Cherries
Nice 18 to 24 in. shrubs.

\$8.25

By Express

SWEET CHERRIES

Not hardy in the northern states.

Black Tartarian Very large fruit of purplish black color. This is a Heart Cherry, very sweet, of superb quality. The tree is a vigorous, upright grower, immense bearer. A popular market cherry. I recommend it for the South, the Pacific states, also the Great Lakes region and the New England states. In the Middle West they are not dependably hardy, although they are grown here and there in protected places with fairly good results. A great cherry in its proper place. Ripens fore part of July. Add 10c per tree to price quoted for other cherries.

Yellow Glass Fruit large, somewhat flattened in shape, of very beautiful golden color, firm, juicy, sweet and of fine quality. This is not a Heart Cherry, and is therefore hardier than Black Tartarian. It stood our dry summers and cold winters with fairly good results. I can recommend the tree for localities as far north as the southern half of Nebraska. Blooms late. I suggest pinching off the tips of the young branches in July to encourage branching and a dense growth for best bearing. Ripens July 1. Add 10c per tree to prices quoted on other cherries.

for Cherries

insects or diseases. In few very below.

WHEN TO SPRAY OR DUST

1. Just before blooming.
2. When the petals fall.
3. Ten days later.
4. Two weeks after the fall of the petals.
5. Four weeks after the fall of the petals.

Just after picking.

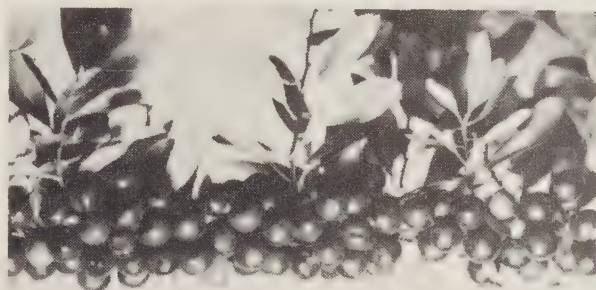
As soon as the fruit flies appear. In case of rain, make additional applications.



EARLY RICHMOND,
a heavy bearer.

Compass Cherry Plum Cross between a Cherry and Native Plum, growing to a size of 10 to 12 ft. similar to a Plum tree in appearance. The fruit is larger than Cherries, small pit, in great favor for canning and preserves. It is an enormous bearer, and begins to bear very young, sometimes as a yearling. 3-4 ft. nice trees, \$1.50 each; 2 for \$2.75; prepaid.

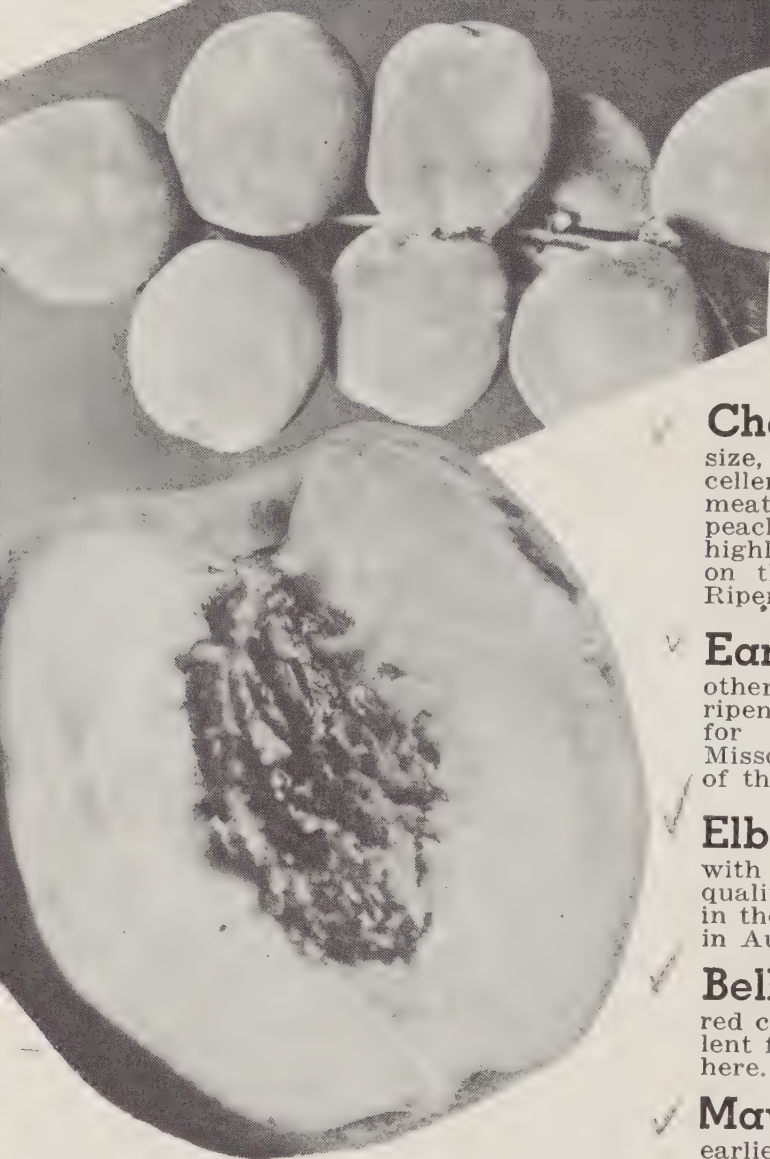
Hansen's New Bush Cherry



The original stock is of the true production by Professor Hansen of Brookings, South Dakota. A greatly improved Sand Cherry. The fruit is fair in quality and recommended for canning (preserves), of good size, small pit, very dark red. Makes a very good hedge, as it grows in low bush form. Resists extreme drought and cold remarkably well. 18 to 24 in. shrubs, 3 for 95c; 10 for \$2.75.

PLANTING INSTRUCTIONS

Plant Cherry trees so deep that the bud, just above the root will be about 1 inch below the soil surface, in other words plant about 2 inches deeper than grown in the nursery. Cut the ends of all roots smooth with a sharp knife just before planting. Water well at planting time. The top-branches do not require pruning, except broken branches may be removed.



Hardy PEACHES

Champion Extra hardy. Freestone. Good medium to large size, creamy white with red cheek. Excellent flavor, sweet, rich and juicy, white meated. Champion is one of the hardiest peaches you can grow. I recommend it highly for the Middle West, and anywhere on the northern edge of the peach belt. Ripens in August.

Early Elberta Freestone. A little larger than Elberta, in other respects the same, except that it ripens almost two weeks earlier. Very good for southern Illinois, Indiana, southern Missouri and Kansas, but not hardy north of there.

Elberta Freestone. The best known market peach, large yellow with red cheek; flesh yellow, firm, good quality. Not hardy in Nebraska. Does well in the South, in Ohio and Michigan. Ripens in August.

Belle of Georgia Freestone. Very large, white with red cheek, flesh white and firm with excellent flavor. Hardy most anywhere south of here. Ripens early in August.

Mayflower Semi-Cling. This and Early Elberta are the earliest peaches you can have. White meated, good size, and fine quality. Gets a nice red color even before fully ripe, blooms late and is fairly hardy. Ripens early in July.

Prices of Peach Trees

Sales limited to 25 trees to one customer.

	1	3	10
2-3 ft. well rooted, prepaid	\$0.80	\$2.25	\$ 7.00
3-4 ft. branched, prepaid	1.15	3.20	9.85
4-6 ft. strong, branched trees	1.50	4.30	13.25

Trees of 4 ft. and up are too large to be sent by parcel post. If your order amounts to \$15.00 or more (not including seeds), I pay the freight on the shipment.

PLANTING INSTRUCTIONS

Plant Peach trees not less than 20 ft. apart, or use them as filler trees between Apples. Even poor soil produces good peaches, in fact, the slower growing peach trees in poor soil will live longer than fast growing trees in good soil. Plant the trees from 1 to 2 inches deeper than grown in the nursery, depending on the size you buy. Use just ordinary soil to fill in around the roots at planting time, add no fertilizer to this soil, and water well to settle the soil properly.

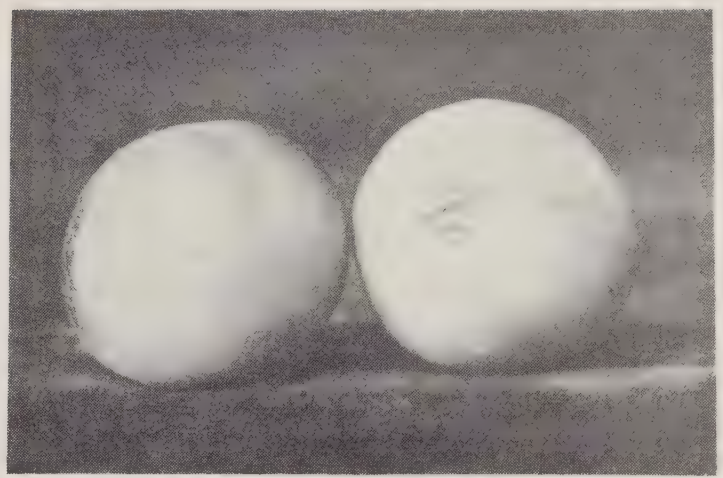
Spray Guide

If you have had trouble keeping your the trees for a couple of seasons, using

PESTS	WHAT TO USE	Level Table-spoonfuls to 1 Gallon Water
San Jose Scale...	Dry Lime-Sulphur..	9 to 11
Peach Leaf Curl.	Dry Lime-Sulphur..	9
Brown Rot, Scab, Curculio..	Mulsoid-Sulphur.. and Arsenate of Lead.. and Hydrated Lime.....	2½ to 3 1 5



"Homesteaders"
PEACH COLLECTION
 1 Belle of Georgia 1 Polly
 1 Champion 1 J. H. Hale
 All nice 4-6 ft. trees.
\$5.65 By Express
FREE 1 Gold Flame Honeysuckle



NECTARINES—SMOOTH SKINNED PEACH

J. H. Hale Freestone. Large size, beautiful rich orange yellow color with carmine cheek, smooth; a very good peach. Does well as far north as the middle of Nebraska, and anywhere south and east of here. Ripens end of August.

Polly Freestone. One of the surest bearers. Claimed to be even harder than Champion. Medium size, good flavor, white-meated, ripens in August.

The Quetta Nectarine The tree resembles the peach in size and growing habits, and is as hardy as the Champion or most other budded peaches. The fruit is almost as large as the common run of peaches, but it is perfectly smooth-skinned, with a wax-like appearance. Of pleasing, delicious quality, the Nectarines make an excellent dessert dish. For drying and for preserves they are superior to the peach. Nectarines have never been offered on a large scale, and have not been planted in commercial orchards, and is known only to few people. However, the tree is hardy anywhere in the corn belt, can be grown successfully wherever peaches can be grown, and produces as good as peaches. Nice 3 to 4 ft. trees, \$1.85 each; 2 for \$3.45; prepaid.

Extra Hardy Seedling Peaches

Although these little trees have been grown from seeds of choice, hardy varieties, they will not come true to name when they start bearing. The larger per cent however, will produce peaches of fair to good quality. We recommend them for a row in the windbreak, where their rapid growth will be very valuable, and will make some pretty good fruit. For orchard planting you should use only budded peach trees, as the Seedling peaches would be too uncertain as to the quality of fruit. For a windbreak row, plant Seedling peaches 6 or 8 ft. apart; or plant them alternated with Seedling Apricots (see page 22). Our Seedling peaches have been pruned to nice tree form, they are now 2 to 3 ft. high, easy to start, will make a fast growth. 10 for \$1.95; 25 for \$3.75; 50 for \$6.95; prepaid.

for Peaches

peaches free from worms, spray Sherwin-Williams sprays.

WHEN TO SPRAY

In spring before the buds begin to swell.

1. When 75% of the shucks have fallen.
2. Two weeks later.
3. Four weeks before picking.

FRUIT TREE UNDERSTOCK

Some of our customers like to graft or bud some rare specimen of fruit, and need understock for such purposes. We have understock of the wild French Crab apple, also wild Pear roots, and the hardy Maheleb roots used for Cherry-understock. We are using this stock for our own propagations, and if you are experienced in propagating, want to do some grafting from your own scions, we will furnish you this understock, in any of the three types mentioned. Your order for this stock must reach us before February 20th, as we will be planting the understock in the nursery here, at that time, and cannot make reservations on later orders. State when you wish to have shipment. Price of these roots: 25 for \$3.00, postpaid.

PLANTING INSTRUCTIONS

Pruning of Peach trees is an important matter. At planting time cut back all branches to within 1-inch from the main stem. This produces a new, dense crown. As soon as the new branches are about 16 inches long, cut them back to 1 ft. length. During the following years give fast growing peach trees a summer pruning early in July, cutting off just the very ends of all new branches. This makes stouter branches, a stronger crown, and increases fruit production for the next year. Never cultivate around Peach trees after July.

Grow Our
Young-
Bearing

Hardy PLUMS

PRICES OF ALL PLUMS AND PRUNES

	1	3	10
3-4 ft. nice trees, prepaid.....	\$1.55	\$4.40	\$13.40
4-6 ft. 2-year crowns, well branched.....	1.82	5.25	15.80

The 4 to 6 ft. trees are too large to go by parcel post; they are shipped prepaid freight if your order amounts to \$15.00 or more; seeds not included.

Waneta The largest of all Hansen Plums, and one of the largest in existence. Red with blue bloom; very good quality. The tree is extra hardy; you can grow this plum anywhere; it bears very young, and most freely.

Hanska Bright red, heavy blue bloom, firm flesh, which has a very pleasing Apricot flavor. Being a Hansen Plum it is very hardy; bears young and heavy.

Sapa Glossy dark purple, flesh is of the same color, and is of excellent quality. Bears young and very hardy.

Omaha Native Fruit dark red with small pit, sweet, well flavored. The tree is exceptionally hardy; will do well even in the extreme North. Omaha is a sure and heavy bearer.

Golden Rod Native The finest hardy yellow plum, sweet and tender with very good flavor. Bears young and freely.

Opata The earliest of the Hansen Plums. Dark purplish red with green flesh, and very pleasant flavor. Ripens end of July.

Sonderegger's Sweet July Plum A cross between an Oriental and a Native American Plum. It inherited the young and extremely heavy bearing of the Native American plum, and the large size, small pit, and excellent flavor from the Oriental parent. It is light red when fully ripe, with a blue blush, and yellowish green flesh. Usually begins to bear the second year. Limit 3 trees to one customer. 3 to 4 ft. trees \$1.95 each; 3 for \$5.45; prepaid. 4 to 6 ft. trees, \$2.25 each; 3 for \$6.00. 5 to 7 ft. extra heavy, \$3.00 each, by express.

Please
Order
Early ✓

Opata

"Big 4" Plum Special

- 1 WANETA
- 1 SAPA
- 1 OPATA
- 1 GOLDEN ROD

4-6 ft. trees
\$6.75

Express

FREE 2 Firebush, 18-in.
Flowering Quince

PLANTING INSTRUCTIONS

Plant Plums listed on this page not less than 18 feet apart, or plant them as filler trees in the Apple Orchard. The European Plums should be planted at least 25 feet apart. Plums should be planted so deep that the bud (just above the roots) will be about 1 to 2 inches below the soil surface. Cut the ends of all roots smooth just before planting. Plums do well in any soil, can even stand a little excess moisture on low ground. For best pollenizing plant two or more varieties of Plums. They will bear heavier if pollenized by another kind.

Spray Guide

I recommend a dormant spray for all plums, which is to be applied very early in the spring, before the buds open, and should consist of 9 tablespoonfuls of Dry Lime Sulphur per gallon of water. In localities

Beatrice
NURSERY AND SONDEREGGER SEED STORE

GET THIS BIG LIVE MAGAZINE

NOW!

24 MONTHS \$1 or 60 MONTHS \$2

YOU will wonder how these two great up-to-the-minute illustrated magazines, *Farm Journal* and *The Farmer's Wife*, now printed together, can cost so little. It's for all—men, women, boys and girls,—clean and wholesome, no liquor advertisements. You will be delighted with each month's visit.



Farm Journal and *Farmer's Wife*, Dept. C, Phila., Pa.

☐ TWO FULL YEARS \$1 ^{OR} FIVE YEARS \$2 ☐
(24 Big Issues) BARGAIN OFFER (60 Big Issues)

Mark the Offer You Want. Send Money Our Risk.

Name.....

R.F.D. Box or Street

If you live on a R. F. D. put route number above for prompt service.

P. O. State

IMPORTANT: Send coupon direct to *Farm Journal* and *Farmer's Wife*, Dept. C, Philadelphia 5, Pa., with remittance (our risk). Price outside U. S. \$1.50 for 2 yrs

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OTHER
SIDE

TAKE YOUR CHOICE

24

MONTHS

\$1

Send \$1 for 2 years (24 Big Issues), greatest Dollar value. For the BIGGEST BARGAIN Send only \$2 for 5 years (60 Big Issues). You get an extra year's subscription.

60

MONTHS

\$2

WORLD'S LARGEST FARM MAGAZINE

FARM JOURNAL AND FARMER'S WIFE is published monthly; big issues; new timely features; fine pictures, beautiful colored covers. Concise, easy to read, 70 years old. Largest mail subscription list in the world,—over 2,600,000 subscribers from Maine to California.

Something for the Whole Family

For folks who live in the Country and love the Country. This fastest printed magazine with month-ahead information gets the important news to you first when valuable and useful.

FARM JOURNAL section: Latest ideas in farm practice, equipment and machinery repairs, "How to Do Things," livestock, dairying, poultry, crops, orchard, garden and everything about the farm. Will keep you up-to-date on changing conditions affecting your farming operations. Latest Washington news so important to farmers.

FARMER'S WIFE section, with its beautiful cover in colors, is a complete magazine for women readers. Homemaking, decorating, renovating, fashions, needlework patterns. Health and beauty, child care. Foods, canning, recipes. Farm Women's letters. Clean, interesting fiction.

DEPARTMENTS FOR GIRLS AND BOYS: Latest 4-H Club and FFA news, answers to young folks' problems, grooming, etiquette, parties, games, movies, sports, aviation, hobbies, money-making ideas, jokes, cartoons.

DON'T FAIL TO READ "LATE AND IMPORTANT LETTER" EVERY ISSUE: PREDICTS FUTURE TRENDS IN BUSINESS OF FARMING

Mail this Coupon today with remittance (at our risk), direct to Farm Journal and Farmer's Wife, Dept. C., Philadelphia 5, Pa.

Recommended by

BEATRICE NURSERY

IF YOU ARE NOW A SUBSCRIBER YOU MAY MAIL OR
SEND THE COUPON TO A FRIEND FOR A FRIENDLY REMINDER

European Type PLUMS

Shropshire Damson Also known as the Blue Damson. Fruit of medium size, dark blue, freestone. Ripens here in September. It is one of the finest plums for canning, and the hardiness of the tree permits its planting most anywhere except the extreme North. Being a European Plum, its habits of growth are upright, making a rather tall tree, and the first crop can be expected from 2 to 4 years after planting.

Stanley Prune This new Prune variety is not quite as large as the German Prune, but it is earlier to ripen, and can be planted throughout the corn belt, and anywhere in the Eastern states. It is juicy, very sweet, bluish purple, a good fruit for table use or canning. Like all prunes, bearing begins about 4 years after planting.

German Prune A large, oval, purple prune, freestone. Flesh sweet and pleasant flavor. It is firm, very good for drying or preserving. This tree is not hardy north of here, but is much harder than the Italian prune (Fellenbergs), which it resembles closely in size and quality.

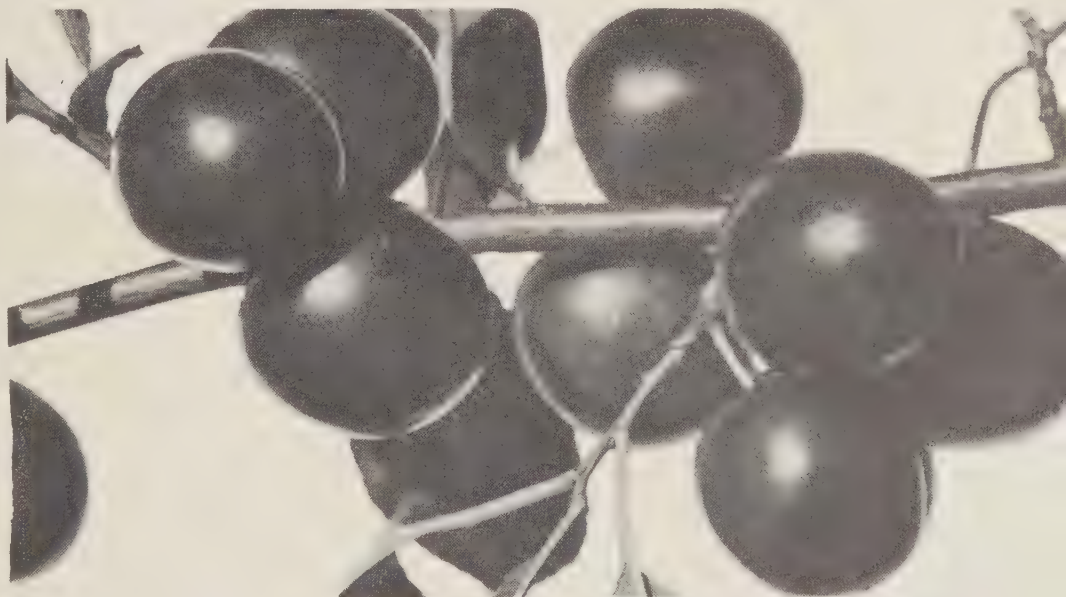


The heavy fruit-producing habit of our hardy Plums brings us many repeat orders.

Blood-Red BUSH-PLUM

Extra Hardy, Bears Heavy, Produces Young.

A wonderful shrub which produces large quantities of excellent plums, blood-red clear to the small pit (freestone) for canning, fresh fruit, or jelly. Extremely hardy and will furnish you its first fine crop the year following planting. Nice strong, 3-ft. shrubs, \$1.55 each; 3 for \$4.40; prepaid.



Blood-Red Bush Plums. Actual size of plums about 1 inch diameter.

for Plums

where leaf diseases attack plums, which is seldom the case, or where the ripening plums are attacked by worms, apply the spray as recommended for Cherries against Leaf-spot, Curculio and Slugs, see pages 16, 17.

PLANTING INSTRUCTIONS

At planting time cut back the limbs of your plum trees to about one-half of their length. The leader (center branch) can be cut back a few inches. In good ground plums will grow almost too fast, and it is therefore a good plan to give them a summer pruning the second year. Early in July cut back the new branches a few inches to stop them from growing too much. This will also increase the bearing ability of the tree for the following year.



Early bearing APRICOTS

PRICES OF BUDDED APRICOTS

	1	3	10
2-3 ft. healthy trees, prepaid.....	\$1.25	\$3.50	\$11.00
4-6 ft. heavy, well branched trees.....	1.85	5.25	16.80

The 4 to 6 ft. trees are too large to go by parcel post. The freight will be paid on shipments of trees amounting to \$15.00 or more, not including seeds or Evergreens.

Superb Freestone, a very hardy Apricot, and since years the favorite with most fruit growers. The fruit is as good as the finest, the tree is an abundant bearer, and it is hardy except in the very extreme north. This tree also makes a very nice, well shaped shade and ornamental tree.

Manchurian Apricot Produced by Prof. Hansen of Brookings, S. Dak., special breeding for drought resistance, and greater hardiness, without affecting the splendid quality of Superb. These trees can be grown anywhere in the North, and, of course, will also give excellent results in other states.

Chinese Golden Apricot This is considered the largest of all Apricots, and its flavor compares favorably with the best. But even more important is the perfect hardness of this tree, and its great bearing ability. These features combined speak strongly for the tree, and will make it a valuable addition to any orchard. Usually this tree sells at a higher price, however, to introduce it to my customers, I will furnish it at prices quoted above.

the new Peach-Cot

This new type of fruit is a cross between the hardy strain of Apricot and Peach. It is considerably larger than the regular Apricot, with a smooth skin, ripens here in July. A fruit of very fine quality for the table and for canning. The tree resembles the Apricot, grows to large size, nicely shaped, makes a good combination fruit and ornamental tree. This variety is grown only in the Sonderegger nursery grounds, and can be bought only from us. Sales limited to two trees per customer. 4 to 6 ft. strong, healthy trees, \$2.50 each; 2 for \$4.50; prepaid. 5 to 7 ft. trees, \$3.25 each.

Apricot Seedlings These trees are not budded, but will produce a good quality of fruit, on the average almost as good as the famous Superb. This is the Russian type, being especially hardy. Planted 8 ft. apart in the row, along another row of Seedling Peach trees, you can build up a fine windbreak of great fruit-bearing value.

Price of Apricot Seedling Trees

	3	10	25
2/3'	\$0.85	\$2.30	\$5.00
3/4'	1.00	3.30
4/6'	1.70	4.90

PLANTING INSTRUCTIONS

Apricots should always be planted in pairs for best pollenizing at blooming time. For that purpose the trees may stand 100 to 200 feet apart without affecting cross pollenizing. They make satisfactory lawn and ornamental trees due to their nice foliage and freedom from insects. Plant the trees about 2 inches deeper than grown in the nursery, any soil satisfactory. Prune branches back to about one-half their length. The lower branches can be removed gradually, if a tall stemmed tree is desired. Spraying hardly ever becomes necessary.

NUT TREES



Butternut, White Walnut One of the finest native trees, and often planted for a shade tree. Hardy as far north as South Dakota. The nuts are large, long, quality good. 12 to 18-inch seedlings, 3 for 65c; 10 for \$1.75; prepaid.

Hazelnut This is the old fashioned hardy type producing nuts of medium size. An upright growing bush, very useful for hedges or screens, or to make up the lower growth of the windbreak. Sometimes included in ornamental plantings for tall growth. 18 to 24 inch nice shrubs, 3 for \$1.20, prepaid.

Sieboldi Walnut Makes a very pretty tree which bears young and abundantly. It is hardy along the east coast states and from there west through southern Illinois, Indiana, southern Missouri and Kansas. There are some of them growing in Nebraska, but they are not sufficiently hardy to be profitable in this state. The nuts come in clusters, they are heart-shaped, easy to open, contain a nut meat of high quality. For the localities recommended this tree will be most satisfactory and should be planted much more freely. 2 ft. nice trees, \$1.25.

Sieboldi Walnut

Stuart Pecan Hardier than the Common Pecan, and can be grown as far north as southern half of Missouri, southern Illinois and Indiana. The nuts are large, thin shelled, the quality of which is very good. Plant them for home use and market. 2 ft. grafted trees, \$1.70 each, prepaid.

Black Walnut A beautiful large tree of rapid growth, especially on bottom land. The nuts, although hard-shelled, are of very good quality. Besides being a very good shade and ornamental tree, the wood of Black Walnut is most valuable.

Price of Black Walnuts Prepaid

	10	25	100
12 to 18-inch, 1 year seedling...	\$0.95	\$2.00	\$ 7.20
18 to 24-inch, 1 year heavy...	1.25	2.95	9.80
2 to 3 ft. extra well rooted,			
2 year old.....	2.20	4.00	14.60

Paw Paw (Asimina). Grows to a small tree with handsome foliage, and at blooming time purple and whitish flowers. The large fruit, banana-shaped, is edible, and improves by cultivation. This has been a native tree of the Old West, and largely because of some people taking an interest in preserving rare plant specimens, the Paw Paw can still be found occasionally. It is of value for ornament and fruit. We are continuing to offer this tree at the request of the many horticulturists who are amongst our customers. This tree has practically no fiber roots, requires careful planting and a good soaking right after planting. Nice 2 to 4 ft. trees, \$1.25 each, prepaid.





Cumberland, finest of the Blacks

Cumberland It can safely be said that this is the hardiest of all Raspberries. Black Raspberries are naturally harder than the red varieties, and require practically no winter protection through the Midwest. In the North a protected place or a mulch of straw over winter can be recommended. Cumberland is a most reliable and abundant bearer, with large, black, very firm berries. Good for market as well as for the home garden. Does not make root-suckers. No. 1 plants, 3 for 50c; 12 for \$1.65; 25 for \$2.95; 100 for \$10.90, prepaid.

For a very choice assortment of Grape Vines and Strawberries, See Pages 70-71.

RASPBERRY COLLECTION

for the Home

- 6 Chief. Early red.
- 6 Latham. Red.
- 6 Cumberland. Black.
- 6 Indian Summer Everbearing. Red.

All for \$3.65 postpaid

FREE with this collection:
6 Alfred Blackberry bushes

Extra Hardy RASPBERRIES

Red Varieties

Chief This is the earliest of all red Raspberries, and for home use or market it is a grand producer of first-quality, large sweet berries. Ripens about 10 days earlier than Latham. With a mulch of straw over winter, these red Raspberries are hardy in the North. We recommend a mulch anywhere north of 40° latitude. Choice, well-rooted plants, 3 for 50c; 12 for \$1.75; 25 for \$3.25; 100 for \$12.00, prepaid.

Latham This Raspberry is of the same high quality as Chief, and just as productive, but slightly later. For a longer season of ripe Raspberries we recommend planting both Chief and Latham. For the main crop and for canning, Latham stands in special favor with most growers. The very large, attractive dark red berries are freely produced and a favorite in any market. Plants come into production the year after planting and assure you of quick and abundant returns. Same price as Chief.

Red Everbearing

Indian Summer Everbearing

Produces a nice crop of large, sweet red berries of excellent quality in early summer and starts blooming and bearing again in September. It produces a handsome crop through the fall until frost. The plants are as hardy as Chief and Latham and they should be included in all plantings for fresh berries in the fall. Nice, well-rooted plants for quick results. 3 for 68c; 12 for \$2.25; 25 for \$4.15; prepaid.

Purple Raspberry

Cumberland, Purple The purple Raspberries are a little harder than the red ones, and practically as good in flavor. Furthermore this variety does not make root-suckers; its growing habits are very much like those of the black Raspberries. For planting among other shrubs in the garden, where root-suckers are undesirable, use this Raspberry. It produces very well, and you will be well pleased with the splendid quality of the berries. Same price as of Indian Summer.

PLANTING INSTRUCTIONS

Both Raspberry and Blackberry plants should be set about 2½ to 3 feet apart in rows 5 feet apart. Plant in good soil containing no fresh fertilizer; cover the crowns about 1 inch deep but set deep enough so that another 2 inches of soil can be filled in after the new sprouts are 8 to 10 inches high. In midsummer when new growth is 2½ to 3 feet tall, pinch off ends of canes to promote branching.

BLACKBERRIES

Eldorado Because of its exceptional hardiness this is a very sure producer. Berries very large, shiny black very sweet, and well flavored. To be at their very best Blackberries should be planted in a fairly moist location. Selected, well-rooted plants, 3 for 45c; 12 for \$1.60; 25 for \$3.00; 100 for \$11.50, prepaid.

Alfred One of the newer Blackberries, originated in the North, and recommended for its special hardiness. Does not require winter protection anywhere. Alfred is slightly earlier than Eldorado; in production, size and quality of berries there is very little difference. Alfred is a strong grower and should be cut back to 2½ feet as soon as the new canes reach that height. This promotes better branching, and consequently heavier production the following year. Same price as Eldorado.

Juneberry or Service Berry

A good substitute for the large Swamp Huckleberry or Whortleberry, which it resembles in appearance and quality. Fruit comes in clusters, reddish-purple in color, changing to bluish-black when fully ripe. Flavor a mild, rich sub-acid; excellent as a dessert fruit or canned. It is extremely hardy, not thorny, grows bushy to a height of 7 or 8 feet. Would make a nice ornamental shrub also, and is often used for that purpose, as it is very showy when in full bloom. Juneberry makes no fiber-roots; it is not a fast grower, but lasts for many years. I would call Juneberry a desirable combination flowering and fruit plant. 55c each; 3 for \$1.35; postpaid.

Dwarf Blueberry For this plant you need a low wet place, shaded, where the soil usually turns sour and few, if any, other plants would grow. Such a spot is just the right place for the Dwarf Blueberry; it increases rapidly, making a pretty dense growth of heavy producing plants about 15 inches high. I do not recommend this plant for dry land or sunny places. The berries are of good size, black with a blue bloom, very sweet; excellent for fresh dessert fruit, drying or for canning. Perfectly hardy, even in the extreme North. Plants are scarce, order early. 3 for \$1.20; 10 for \$3.20; postpaid.

Russian Mulberry

The Tree of Many Uses

Produces enormous quantities of berries, which are often used for canning with rhubarb or gooseberries, because of the sweetness of the Mulberry. On the farm it is valuable for shade, growing to a large spreading tree. Furthermore, in shelter-belts and wood-lots its hard wood and long life will always be appreciated.

Bird lovers regard the Mulberry tree as a complete boarding-house for their song-birds. 4-5 ft. trees, 80c; 2 for \$1.40. 5 to 6-ft. trees, \$1.25 each; 2 for \$2.10. Nice 6 to 8-ft. trees, \$1.95 each; 2 for \$3.50.

BEATRICE, NEBRASKA



ELDORADO, A GRAND BLACKBERRY

On Raspberries and Blackberries cut out the oldest canes right after picking the berries. This applies to bearing patches. To keep them healthy, we recommend a dormant spray, very early in the spring, before the plants green out. Use 10 tablespoonfuls of Dry Lime Sulphur per gallon of water. It will keep your plants clean and healthy.



RUSSIAN MULBERRY



Perfection, extra hardy, heavy bearer.

Currants

2-year extra choice plants
58c each;

3 for \$1.48

Postpaid to your door.

Perfection This is the largest of the red Currants and bears remarkably well. Berries bright red, not very sour, and with few seeds. For canning and jelly, Perfection has practically everything you could wish for in a good hardy Currant. For years it was the most widely planted variety, and still is the first choice of every planter who has grown it before. Hardy throughout the Midwest.

Red Lake This is a newer variety. Berries quite large, light red, with few seeds and very pleasing flavor. While Red Lake cannot surpass the productivity of Perfection, it is a little juicier, and is therefore preferred for fruit juices. It is also claimed that Red Lake is almost rust resistant. For home use, we suggest that both varieties be planted.

We can ship Gooseberries and Currant plants anywhere, except into a few localities which are designated by law as White Pine Areas.



Oregon Champion; bred for hardiness and production. Our berries will please you.

GOOSEBERRIES

Strong, hardy 2-year shrubs

72c EACH **3 for \$1.95** POSTPAID

Oregon Champion A strong-growing shrub not very thorny. The green berries are of medium size and of the finest quality for pies and canning. For sure bearing and heavy crops you will find Oregon Champion of outstanding value.

Houghton This is a very hardy, sweet Gooseberry, of reddish color when fully ripe; size of berries is small to medium. After a trial you will be convinced that a plant simply could not produce more berries. If the berries of Houghton were just a little larger, it would be unsurpassed in every respect. Our 2-year-old plants will give you quick results.

Carrie A marvel of productiveness, and a strong, healthy grower. Extra hardy. Berries of maroon color when fully ripe. For good berries and lots of them, plant Carrie and Houghton.

INSTRUCTIONS

Gooseberries and Currants do better in full or partial shade. They like a cultivation of the soil early every spring, and a spray of 3 tablespoonfuls of Arsenate of lead per gallon of water just before blooming, or right after blooming.

Currant and Gooseberry Patch

4 Perfection
2 Houghton
2 Oregon
Champion

All 8 Plants

\$4.25
POSTPAID

This photo of Boysenberries shows the berries only one-fifth of their natural size.



Boysenberry Berries 1½ to 2 inches long, about three times the size of regular Blackberries, black, juicy, and of a flavor unexcelled by any other berry. This is a cross between Blackberry, Raspberry and Loganberry, rapidly becoming the best paid berry on the market. Hardy and drought resistant. Produces a vigorous growth, and fruit of finest quality in most any good garden soil. Permit the young growth to lay on the ground where it can be covered in early winter with tomato tops, leaves or straw. In the spring tie the vines up to stakes or a 3-wire fence, for bearing. After picking the berries cut out the vines that have produced the crop. Repeat the same method every year, always leaving the new vines for next year's crop on the ground. The plant is free from insects or disease, and with the culture described above, anyone can have lasting success with Boysenberries. Nice, well rooted plants, 3 for 55c; 10 for \$1.50; 25 for \$3.20; prepaid to you.

Dewberry The improved Lucretia Dewberry is an extra good producer, and has a nice large berry. Grows on the ground, where the vines can be covered over winter, in northern localities. The oldest vines are usually removed when the berries are harvested. The remaining young vines keep up nice production the following year. 3 plants for 45c; 10 for \$1.20; prepaid.

Thornless Boysenberry Same as the regular Boysenberries in size, quality of the fruit, growing habits, and is easier to work with, because the plant does not make thorns. Wherever the winter is expected to bring below zero temperatures, the young vines on the ground should have a good mulch, about 6 inches deep, of leaves or straw. This mulch must not be applied too early in the fall. Wait until heavy freezing weather sets in, because Boysenberries are in the habit of becoming dormant very late in the season. Every few years Boysenberries should have some fertilizing. Applying well rotted barn manure around the plants in early spring, and working it in the ground, will bring splendid results. Plant all Boysenberries about 5 ft. apart in the row. Our Thornless Boysenberries, nice well rooted plants, 3 for 78c; 10 for \$2.25; 25 for \$4.75; prepaid to you.

Youngberry This new berry has been introduced in recent years. The plant is a vigorous grower, and a heavy bearer; it is hardy in the Middle West; however, I recommend a light cover of straw over winter for best results and extra good bearing. The berries are as large as Loganberries, purplish-black; in quality they resemble Raspberries. Nice plants, 3 for 50c; 10 for \$1.35; 25 for \$2.95; postpaid.

**Sonderregger
Trees**

Their Better Roots
Perfect Shapes
for Better Results

Ornamental and

Beautiful ELMS . . .



American Elm

American Elm These pictures, taken in winter and summer, tell more than words of the beauty of a large spreading crown for which the American Elm has long been known. One can hardly imagine anything lovelier than the lofty crown of the Elm, there is beauty, shade and rest. This tree came west with the early pioneer, it stayed, it suffered under drought and extreme cold, and it survived. It still ranks first in number and general favor amongst the tree population.



Moline Elm Note the tall growing habit of this tree, spreading slightly more than Poplars, and yet giving good shade due to its leaves which are larger than those of the American Elm. Near tall buildings, or wherever you wish a rapid upright grower, Moline Elm is just the right thing. Perfectly hardy. Straight, well rooted trees, 5 to 6 ft. height, \$2.40 each; pair, \$4.00. These are grafted trees, therefore seedlings and small trees are not available.



Chinese Elm A tree of nice shape, extremely rapid growth, fitting in wherever you need a shade tree, and need it quick. This is the hardy strain, true Ulmus

American and Chinese Elm

Strictly First-Class Selected Trees.

	5-6 ft.	6-8 ft.	8-10 ft.
Each	\$1.00	\$1.35	\$1.95
Pair	1.85	2.30	3.60
6 trees	5.25	6.40	9.95
10 trees	8.25	9.95	15.50

Freight or Express.

Pumilla. It has been grown in the Midwest for better than 30 years, but not until the severe drought of 1933 to 1937 did it come to the foreground. It stood the drought better than any other hardy tree. The seedling grades are always a favorite in windbreak plantings, and our strong, well rooted transplanted trees will make you shade trees in record time, wherever you plant them. See prices below.

SEEDLINGS AND SMALL TREES

American and Chinese Elm	25	100	300
6-12 inch	\$. .	\$1.75	\$ 5.00
18-24 inch	1.20	3.85	10.80

Shade TREES

Most Complete
Assortment of Hardy
Shade Trees

Pages 28 to 37

Soft or Silver Maple *Acer Saccharinum.* Another hardy native upland tree, almost as popular in the Midwest as the American Elm. It is a rapid grower, and by planting our Soft Maples you will get husky, well-shaped trees of which you will be proud at all times. Do not mistake the Silver Maple for a white-leaved tree, as the foliage of the Silver Maple is light green above and of greenish-gray color underneath, deeply cut. The trees with the leaves of silvery white underneath are Poplars (Belleana and Silver Poplars). Prices of our Strictly First Class trees.

	6-8 ft.	8-10 ft.
Each	\$1.60	\$2.00
Pair	3.00	3.60
Six trees	8.00	10.00
Ten trees	12.00	14.50

Maple, Sugar or Hard Maple

Acer Saccharum makes a large pyramidal tree with large, handsome foliage of rich, pleasing green, turning red in the fall. Very hardy, although it is not a rapid growing tree for the Middle West. It is a long lived tree. Nice 5 to 6-ft. trees, each, \$2.90; pair, \$5.20.

Sugar Maple Seedlings For this year we have a small supply of nice 12 to 18 inch seedlings of Sugar Maple, and while this supply lasts we can furnish them at 45c per 3; 16 for 95c, postpaid.

Maple, Norway *Acer Platanoides.* A hardy tree of majestic form, perfect outline of the crown. It is a hardwood tree, leaves very large, deep green, changing to a pretty pale yellow in the fall. I recommend this tree for a hardy, long lived tree of special beauty. 5 to 6-ft. trees, each, \$2.20; pair, \$4.00.

Shagbark Hickory A very satisfactory hardwood timber tree in Northern and Eastern states, and in the forests of Missouri. It will succeed in Southern Iowa, Southeast Nebraska and through East Kansas. Besides making a desirable tree, the small nuts of this tree are usually in very good demand. The 12 to 18 inch size of small trees is available this spring. 2 for 90c; 10 for \$3.20; postpaid.



Soft Maple, ten years old.



Norway Maple

PLANTING INSTRUCTIONS

Same as for planting fruit trees. The holes must be dug deep and wide enough to allow plenty of room for all the roots, without cramping them. Digging the tree holes a few inches deeper than really necessary permits the filling in of loose soil in the bottom, in which the new rooting will take place quicker and surer. Soil to be used in the bottom, as well as around the roots of the tree, must not contain fresh fertilizer of any kind. Use good ordinary garden soil which has been under some kind of cultivation before.



Honey LOCUSTS

Common, Thorny

Gleditsia Triacanthos. A most valuable native tree with spreading branches, forming a large crown of very good and even shape. The leaves are small, coming in sprigs of 18 and more, always free from disease or insects. For a hardwood tree this is perhaps the most rapid grower, and is perfectly hardy everywhere. Has very prominent thorns. This Locust never makes sprouts from the roots. The Honey Locust should be planted more frequently. For easy, quick starting, vigorous growth, and special hardiness that comes only from an upland Nebraska nursery, our trees will please you.

	4-5 ft.
Each	\$0.65
Pair	1.15
6 trees	3.00
10 trees	4.50
25 trees	10.00

Our Thornless Honey Locust is a fast growing hardwood tree.
Hardy, clean and long lived.

Thornless Locust *Gleditsia Triacanthos Inermis*. For street and lawn planting it is one of the very choicest long-lived hardwood trees. Without pruning it will grow up to a beautiful shade tree, developing a splendid crown. It is a fast grower, second only to the Elms. Due to an unusually deep root system, grass or flowers can be grown with best success even close to this tree; it never makes sprouts or suckers from the roots. Entirely hardy, healthy and clean. Fancy trees, perfect, straight stems, well rooted; the finest on the market.

	3-4 ft.	5-6 ft.	8-10 ft.
Each	\$0.60	\$ 2.15	\$ 2.80
Pair	1.00	3.80	5.40
6 trees	2.20	9.90	15.30
10 trees	3.00	14.80	24.00

Small Locusts for Timber, Woodlot or Windbreak Planting

THORNY HONEY LOCUST

	25	100	300
12-18 inch, prepaid	\$1.20	\$3.90	\$11.00
18-30 inch, extra heavy..	2.00	7.00	18.00

THORNTLESS HONEY LOCUST

6-12 inch, prepaid	\$1.35	\$ 4.00	\$10.00
2-3 ft., extra heavy	3.00	11.00	29.00

BLACK LOCUST

For erosion control and wood-lots.

	25	100	300
12-18 inch, prepaid	\$1.20	\$3.90	\$10.00

Russian Mulberry In large plantings of trees, in parks, on school grounds, and other public places, particularly on the playgrounds of the country school, plant a few of these Mulberry trees. They will grow fast, making nice shaped shade trees, perfectly hardy. No other tree will attract as well as protect song-birds so well. You are doing the song-bird population a great favor every time you plant one of these trees. To make it possible, especially for small schools, to get a few of these trees, we are pricing them extra low. 4 to 5 ft. trees, 80c each; 2 for \$1.40. 5 to 6 ft. trees, \$1.25 each; 2 for \$2.10. Extra large 6 to 8 ft. size, \$1.95 each; 2 for \$3.50.



Pin Oak in early spring just before the new leaves appear, and after the winter foliage has fallen.

Pin Oak in mid-summer, a truly majestic tree, of beautiful symmetrical growth, without pruning.

Pin Oak in the winter, retaining most of its leaves after they have turned to a showy red-brown in late fall.

Pin Oak Nature's gift of a tree, combining the longevity of a hardwood tree with rapid growth, perfect shape and elegant appearance. We could not name you a finer, prettier tree if you need a fairly tall grower with medium spread. The photos above, taken in the Beatrice Chautauque park of trees 11 years and less old, tell the whole story.

	2-3 ft.	3-4 ft.	5-6 ft.	6-8 ft.
Each	\$0.40	\$0.75	\$2.85	\$3.40
Pair70	1.30	5.00	6.20
6 trees	1.80	3.50	13.80	17.00

By express, safe delivery guaranteed.

American Linden *Tilia Americana*, Basswood. The tree at right, in the Chautauqua park, 11 years after planting, shows the nice pyramidal crown which this Linden makes without pruning. It is not a fast grower, but takes on attractive ornamental qualities at an early age, and eventually grows to enormous sizes. It blooms in June, very fragrant. Foliage large, shiny green, keeps clean and healthy throughout the growing season. We recommend it for ornament. Where a rapid grower for quick shade is needed, this tree would be slightly disappointing; it will make a large tree, but takes plenty of time to do so. Hardy throughout the East and the Mid-West corn belt. 5 to 6 ft. nice trees, \$2.00 each; pair, \$3.75.

Seedlings of American Linden A nice grade of small Linden. 12 to 18 in. size, 3 for 55c; 10 for \$1.50; prepaid. The seedlings of shade trees are used by landscapers and nurserymen for their own planting are usually very scarce, and will probably not be offered again for several years.

Please Order Early Skilled help is somewhat short, and so is good stock. We have to start our planting and field work end of March, and if we have your order early we can give it more time and attention, and can be quite sure of filling your order complete.



American Linden

Hardy POPLARS

Volga Poplar Of the column-shaped poplars this is the hardiest variety, and can be planted throughout the Mid-West and North where the Bolleana is not entirely hardy. It is a very rapid grower, slightly more spreading than the Bolleana. Leaves entirely green. For a tall screen planting these trees can be planted as close as 8 feet apart. Should not be planted less than 18 or 20 feet from the house, because of its rather shallow root system. Our trees are selected for nice straight stems.



The Volga Poplar. Very effective near tall buildings, where its height offsets the sharp outline of the building.

4-5 ft. Trees.
Each\$0.30
2 for..... .50
6 trees..... 1.35
10 trees.... 2.00

6-8 ft. Trees
Each\$0.90
2 for..... 1.75
6 trees..... 4.90

Prices of shade trees do not include freight. We pay the freight on all shipments of trees and plants (seeds not included) if your order amounts to \$15.00 or more.



The tall growth and spire-shape of Poplars is desirable in most landscape work, and is very effective in small and large plantings.

Poplar, Bolleana Grows to a spire of 80 feet in height. Leaves shining dark green with silvery white underneath. Hardy as far north as Nebraska. Does not make root-sprouts. A beautiful tree of striking effect in the landscape. Well grown 4 to 5 ft. nice straight trees, very choice, 95c each; pair, \$1.75. 5 to 6 ft. trees, \$1.25 each; pair, \$2.25. 6 to 8 ft. extra choice, \$1.75 each; 2 for \$3.20.

Cottonwood Populus. Sargentii. The native timber tree. Very common along streams where it holds the soil well and reaches mammoth dimensions, in thickness of its stems as well as the spread of its lofty crown. The Cottonwood withstood the drought and the cold remarkably well.

Prepaid:	25	100	300
12-18 inch.....	.58	1.35	3.30
2- 3 feet90	2.75	6.50



A cool, shady promenade in the Beatrice Chautauqua Park, Hackberries being the source of the shade and beauty of this pretty planting.

Hackberry *Celtis occidentalis*. American Nettle tree. A native tree with numerous slender branches which spread almost horizontally, and thick, rough bark; apple-like foliage, but more pointed and of a bright green color. In habit of growth it resembles an Elm somewhat, but grows slightly more erect. In the North, where the Elms are not doing quite so well, the Hackberry is very satisfactory. A most desirable tree for general street planting, very hardy, and stands our dry weather well. We recommend it anywhere in Kansas, Wyoming, Montana, the Dakotas and Nebraska.



As a single tree, Hackberry makes a fairly tall, and still a spreading crown. A good shade tree wherever you plant it.



The winter scene of the same two rows of Hackberries as shown at left, gives you an idea of the nice natural semi-erect structure of this tree, requiring very little care after planting.

Price of Hackberry

5 to 6 ft. well rooted, healthy tree, \$1.85 each. 2 for \$3.30; 6 for \$9.00; 10 for \$13.20.

8 to 10 ft. nice trees, \$2.75 each; pair, \$5.00; 6 trees, \$13.50; 10 for \$20.00.

If your order for trees (seeds not included) amounts to \$15.00 or more, we pay the freight to your station.

Hackberry Seedlings In most years this stock is not available, but we have a limited supply of nice small trees of Hackberry this year. 12 to 18 inch size, 25 for \$1.20; 100 for \$3.90; postpaid.

American Ash *Fraxinus Americana*. Grows well most anywhere, requires very little attention, and grows a very nice, well shaped crown. Exceptionally hardy and drought resistant. The American Ash belongs to the fast growing hardwood trees. The seedlings are of particular value for timber and wind-break plantings. Ash trees should also be included in all wood-lot plantings. Extra choice well rooted trees:

	4-5 ft.	5-6 ft.	6-8 ft.	8-10 ft.
Each	\$0.65	\$0.85	\$1.20	\$1.75
Pair	1.15	1.50	2.00	3.00
6 trees	3.00	4.10	5.20	8.00
10 trees	4.50	6.40	8.00	12.00

BEATRICE, NEBRASKA

European Mountain Ash *Sorbus Aucuparia*. Hardy tree of medium size. Bark smooth, crown branches dense and quite symmetrically arranged, bearing from July until winter its large clusters of red berries which attract song-birds. A fine lawn tree and very hardy. Does well in the North as well as in Nebraska and in the higher altitudes of Colorado, Wyoming and Dakota. Well rooted and well shaped trees, 5 to 6 ft. size, \$2.85 each; pair, \$4.90, by express.

American Beech *Fagus Americana*. This is the regular Beech, growing to a majestic tree of hardwood type. It is a very popular tree in the East, but is almost unknown west of the Mississippi. We are offering this Beech mostly at the request of our customers in the eastern states, and can furnish it only in the 12 to 18-inch seedling grade, the larger sized Beech are rather difficult to transplant; the seedlings are easy to start. 12 to 18-inch seedlings, 10 for 65c; 25 for \$1.35; prepaid.



American Plane tree, winter picture. Note the even and pretty outline of the crown. Summer view is a sample of the splendid appearance of the American Plane tree.

Most photos of ornamental trees shown in this book were taken in the Beatrice Chautauqua Park. Our city can justly be proud of this beautiful park; visitors are always welcome there, and find very good accommodations for a picnic or other outdoor activities. No cost to anyone.

When you select a shade tree, it must fulfill all your requirements. For this reason we try to show you unretouched snapshots of as many hardy trees as possible. We describe each tree to you just as we know it to grow, and in some instances we show you a winter picture to give you a better idea of how a tree branches out.

American Plane Tree Sycamore. *Platanus occidentalis*. Also called Buttonwood. A rapid growing tree, of noble, upright growing habit and large deep green leaves. Its beauty of shape and foliage is further increased by the smooth bark of this tree, light colored and mottled green. A free grower, and very desirable for park and street planting. Claimed to be one of the best trees for large cities where it stands the gasses and smoke of nearby factory areas better than any other tree. The tree is hardy here and anywhere through Kansas, Iowa, Illinois and the East, but not hardy in northern Nebraska and from there north. Nice trees, easy to start, 5 to 6 ft., \$1.70 each; pair, \$2.95; 6 for \$7.95.

Seedlings of American Plane Tree 12 to 18 inch, nice small trees of this variety, 3 for 55c; 10 for \$1.50; prepaid. Supply limited; order early.

Catalpa Speciosa The hardy Catalpa. An effective tropical looking lawn tree of tall, upright growth, with very broad bright green leaves and purplish white blossoms in large clusters like grapes. Grows fast, resists drought well and is practically free from all insect pests or diseases. The wood of this tree is very hard and durable as posts. We recommend the hardy Catalpa wherever tall growers are needed, rather than for shade trees. 6 to 8-ft. trees, \$1.50 each; pair, \$2.50; 6 for \$6.90.

Sieboldi Walnut This is an Oriental type of Walnut, producing nuts of very good quality after about five years. The tree is hardy as far north as Nebraska. It is a rather fast grower, and with its light green foliage, on long leaf stems, it is of very pretty appearance. One of the landscaper's secrets is to create a variety of foliage effect, and this tree will enlarge the existing selection of trees, for group-plantings, large estates and parks. 2 ft. nice, well rooted trees, \$1.25 each.

Hardy Black Walnut A Native American tree, growing to large size, and majestic form, with a pretty foliage. It is a fairly rapid grower, makes a fine shade tree, and requires little care in later years, as its hard-wood limbs resist high winds as well as the Oaks or Locusts. 2 to 3 ft. nice little trees, 30c each; 3 for 80c; 10 for \$2.20.

Butternut, White Walnut This is another nut-bearing tree that has been almost forgotten in recent years, and yet, its hard-wood limbs and branches, and its long life, good healthy foliage, and fairly fast growing habits would make it a desirable tree for ornament and shade. 12 to 18-inch small trees, 3 for 65c, postpaid.

Cutleaf Weeping Birch

Of all pendulous or so-called weeping trees, this Birch and the Niobe Weeping Willow are the two most widely known. This Birch grows tall and slender, yet with vigorous growth. It makes an erect central trunk with silvery white bark, from which the limbs spread out in graceful arches. The leaves, of a beautiful shade of green, are deeply and delicately cut. The whole tree presents a soft, pleasing effect rarely found in other trees.

5-6 ft.

Each\$ 3.20

Pair 5.95

Six trees 16.20

White Birch, European

Betula Alba. A graceful tree of upright growing habits, getting a white bark in later years. This tree is hardy; can be grown successfully in the Dakotas and Minnesota. It is not a fast grower, but considered almost a hardwood tree of long life. 5 to 6-ft. tree, well rooted, well shaped, carefully selected, \$2.20 each; pair, \$4.00; 6 trees for \$11.00.

Niobe Weeping Willow

The hardy weeping Willow with golden-bark twigs. Branches are very slender, long and well drooping, growing to the ground in a short time, or near a pool they reach to the water line. Leaves are very light green. This is a very vigorous grower, given a fairly moist place it will grow faster than most trees, and it is perfectly hardy everywhere. We recommend this tree for the lawn as a single specimen, near the pool, for parks and for cemetery planting. Choice, healthy trees, 4 to 5-ft. size, 95c each; pair, \$1.75; 6 for \$4.95. 5 to 6-ft. trees, \$1.35 each; pair, \$2.50; 6 trees for \$6.90.



The white bark of stem and branches of the Birch always shows up well in groups of shrubs, and particularly in groups of Evergreens. The Birch is a beautiful tree, hardy, and growing to large size.



PRUNING OF SHADE TREES

Softwood trees such as Elms, Soft Maple, Willow, require pruning in order to keep branches from splitting out in heavy storms. Where branches are too close, some of them should be removed entirely; those which appear to be too long should be shortened. All pruning of softwood trees should take place from July to September. Hardwood trees rarely need pruning, only to improve their shape. Prune them at any time it is necessary, but preferably in late fall or early spring.



Against the background of large trees with dark green foliage, the silver cast of the Russian Olive shows up beautifully throughout summer and fall.

Russian Olive *Eleagnus Angustifolia*. An extremely hardy tree of medium size and spreading top if the lower limbs are removed. Or it will grow to dense shape almost from the ground up if the tree is not pruned. Shiny black bark, and small to medium sized silvery white leaves. The small yellow blossoms in the spring are quite fragrant. Can also be used in tall hedges and screens, planted 3 to 6 feet apart in the row. For this purpose use the seedlings. For a small lawn tree of special beauty, in parks or in groups of evergreens. Russian Olive is a very valuable tree. Nice well rooted 4 to 5-ft. trees, \$1.00 each; pair, \$1.75. 5 to 6-ft. trees, \$1.35 each; pair, \$2.40.

RUSSIAN OLIVE SEEDLINGS. 12 to 18-inch, 10 for 95c; 25 for \$1.90; 100 for \$6.50; postpaid.



The Hopa Flowering Crab is a sight of great beauty when it blooms for two to three weeks in May. On page 37 please note the branch of blossoms of the Hopa Crab.

Hardy for Great Beauty

Bechtel's Double Flowering Crab

Pyrus coronaria. Very hardy, thriving in most any soil. Covered in the spring with large, beautiful double flowers, fragrant, and of very delicate pink color. The tree at blooming time looks like a large tall tree of roses. The only sweet scented double flowering Crab which is completely hardy. Suitable for lawn, or in groups of large shrubs. Nice 2 to 3-ft. trees, \$1.25 each; pair, \$2.20.

Dolgo Crab

For full description of this tree kindly note page 12. It grows to a larger size than Hopa, and blooms most profusely, therefore often used for ornament. Color of blossoms is a soft apple-blossom pink. The fruit of this tree is very valuable, as it is the finest dark red jelly crab in existence. Price of Dolgo Crab, see page 11.

Hopa Crab

Hopa is the word for "beautiful" in the language of the Sioux Indian, and the tree deserves this name very well. It is a striking sight when in bloom owing to its wealth of beautiful deep rose-crimson blossoms, and in the fall when the miniature apples of this tree take on a bright red color, the tree once more becomes very pretty. The fruit can be used for jelly, but usually runs very small in size. The picture on this page and of the branch on page 37 can hardly do justice to the splendid appearance of this tree. You will love it on your lawn, or wherever you wish a hardy, medium sized tree of finest blooming qualities. 3 to 4-ft. nice trees, \$1.20 each; pair, \$2.00. 4 to 6-ft., very choice trees, \$1.60 each; 2 for \$2.90.

Persimmon

A Native tree, hardy throughout the Mid-West, and growing to a nice size, ideal for windbreak planting, as well as ornament. Ultimate height will be 20 to 30 feet, nice foliage, making a good planting wherever a medium size tree is needed. It produces a good fruit, ripe after frost in the fall. On all the country school grounds there is room for a few of these little trees, they will be interesting for the kiddies, and will give them a little fruit in the fall. Nice 12 to 18-inch size. 3 for 70c; 10 for \$2.00; postpaid.

Flowering TREES

Caragana, Siberian Pea Tree

An extremely hardy dwarf tree or shrub, originally from Siberia. The branches have small, sharp thorns. In the spring it bears pretty yellow blossoms in long clusters, similar to peas. It will grow anywhere and is perfectly hardy, even in Canada. We recommend it particularly for tall screens or hedges, as its habit of growth is upright, and stands shearing very well. It is ornamental, due to its pretty foliage and blossoms, as well as protective because of its fine thorns. For hedge or screen, plant 18 inches to 3 feet apart in the row, using the small size trees. 12 to 18-inch, 10 for 95c; 25 for \$2.00; 100 for \$7.00. 18 to 24-inch, 3 for 50c; 10 for \$1.50; prepaid.

Hansen's Purple Leaf Plum

Prunus Cistena. All through the growing season this is a most showy tree. Its reddish purple leaves showing up splendidly. As a single specimen on the lawn or in groups of tall shrubs with green or yellow foliage, this dwarf tree shows up extra well. Nice 2 to 3-ft. size, \$1.40 each; pair, \$2.25.

The camera simply cannot convey all the beauty brought forth by the true Hopa Crab. The nice shape of the tree, the exquisite arrangement of the blossoms, the long blooming period in May, and the deep rose-crimson color can be appreciated only by seeing the Hopa Crab in bloom, and still better, by calling one your own, as a part of your lawn ornaments.

Except where quoted prepaid, prices do not include cost of transportation. However, we pay the freight on all shipments of trees (seeds not included) if your order amounts to \$15.00 or more.

Red Bud Judas Tree. *Cercis canadensis*. A very ornamental native tree of medium size. Leaves are perfectly heart-shaped, free from insects or plant diseases, and hardy as far north as Canada. Early in the spring, before the leaves appear, its branches are covered with small reddish-purple flowers. It produces the first outdoor flowers of the spring throughout the Mid-West. Easy to grow, and should be planted much more freely, on the home grounds or in parks, wherever a nicely shaped tree of medium size can be used. Extra choice trees, 5 to 6-ft. size, \$2.40 each; pair, \$4.25.

Pussy Willow *Salix caprea*. Also called Goat Willow. Small tree, or rather shrub, of very upright, tall growth. Foliage light green and showy. In early spring, before the leaves appear, the branches are covered with the silky silvery catkins which are so pretty in bouquets. In the house, kept in a vase with water, the Pussy Willow twigs will remain fresh for weeks and retain the nice appearance. Trees of this kind, producing pretty cutting material for early spring bouquets are always the things the entire neighborhood loves and admires. Your home grounds are worth a few additions of such lovely spring bloomers as Pussy Willow, Flowering Crab and Red Bud. 2 to 3-ft. Pussy Willows, nice little trees, 75c each; pair, \$1.25.





Hardy Ever-

The thousands of Evergreens which we have shipped out in recent years have given excellent results. We ship them direct from the growing fields, fresh, well packed, safe delivery guaranteed.

Pfitzer's Juniper Note picture above. Resists heat and drought anywhere, perfectly hardy. Grows to a pretty vase shape. The ideal low grower for Evergreen foundation plantings and entrance sets. 15 to 18-inch trees, truly fine grade, \$1.75 each; 2 for \$3.40; 5 for \$8.00.

Savin Juniper An Evergreen of spreading habits, with steel-blue to green color. Does not grow as upright as the Pfitzer's Juniper. Where a slightly lower tree is wanted, this hardy strain will please you. 15 to 18-inch TTT, very good grade, \$1.65 each; 2 for \$3.20; 5 for \$7.75.

Red Cedar Juniper Can be grown in sheared form, or as a tall growing tree with spreading limbs if it is not sheared. For hardiness, heat and drought resistant, it has no rival. 12 to 18-inch TTT, strong trees, 90c each; 2 trees, \$1.70; 5 for \$4.00.

Trailing Junipers For Terraces and Low Plantings. Makes a beautiful evergreen ground-cover, and because of its great hardiness and drought resistance, can be used for bank and terrace covers where few other plants would succeed. 12 to 15-inch TTT, very good selection, \$1.10 each; 2 for \$2.10; 5 for \$5.00.

T—Transplanted once in the nursery for better roots.

TT—Twice transplanted.

TTT—Three times transplanted; the best grade.



We Pay
Postage
to your
door
on all
Ever-
greens

Scopulorum Juniper. Stands full sun and shearing well.

Scopulorum Juniper A dense grower of pretty silvery cast, can be grown to any form by shearing, it is perfectly hardy, resists heat and drought. The landscaper's first choice for quick results. 2 to 3-ft. trees, \$2.25 each; 2 for \$4.25.

Colorado Blue Spruce One of the showiest Evergreens, for the lawn, parks. Needles silvery-blue. Pretty shape without later pruning. 15 to 18-inch TTT, \$2.00 each; 2 for \$3.90; 5 for 9.50.

Black Hills Spruce Extra hardy, very dense, with short dark green shiny needles. Grows to beautiful form without pruning or shearing. Never shear Spruce or Pine: 15 to 18-inch TTT, best grade, \$1.50 each; 2 for \$2.90.

White Spruce A very hardy, beautiful spruce. Grows faster than any other spruce, is easy to grow, makes a dense branch system.



Black Hills and White Spruce.

Easy to Grow greens

Write within five days if a shipment is not received in first-class condition. This entitles you to free replacements. Order early, so that we can dig and ship your stock before new growth begins in the field.

PINES

We are offering the hardiest known varieties, for easy starting, and rapid progress after planting.

Austrian Pine As single specimen, the prettiest tall growing Pine, extra hardy, a rapid grower. 18 to 24-inch TTT selected trees, \$1.40 each; 2 for \$2.70; 5 for \$6.50.

Bull Pine Pinus Ponderosa. Also known as the Western Yellow Pine. Endures extreme cold and heat, succeeds on light soil and upland. Resembles the Austrian Pine in habit of growth, but has much longer needles. A fine tree for timber, ornament, and especially wind-breaks. 18-24 inch, very choice TTT, \$1.25 each; 2 for \$2.40; 5 for \$5.75.

Jack Pine Pinus Banksiana. One of easiest to start, and fastest growing of the tall-growing pines. Extremely hardy. For windbreaks, and due to its short needles and dark green color planted extensively for Christmas decoration. 12-18 inch transplants listed below.

Scotch Pine Pinus Sylvestris. A tall grower, limbs dense and erect, dark green, needles of medium length. Strong 18-24 inch trees, \$1.25 each; 2 for \$2.40; 5 for \$5.75.

Mugho Pine A beautiful Dwarf Pine, growing without shearing in perfect globe shape. Dark green color. 15 to 18-inch TTT, very choice, \$1.85 each; 2 for \$3.50; 5 for \$8.50.

Douglas Fir A rapid growing tree with dark green needles, very pretty for lawn and park planting. 12 to 18-inch trees TTT, \$1.00 each; 2 for \$1.90; 5 for \$4.25.



Globe Arbor Vitae Note above photo. Woodward Globe Arbor Vitae is a widely known globe-shaped tree with a dark green foliage, and while the tree may eventually reach a large diameter, it retains a dense, globe shape and stands shearing if desired. 10 to 12-inch, heavy, bushy stock, 90c each; 2 for \$1.70; 5 for \$4.00.

Taxus Cuspidata A shiny dark green Evergreen which develops a spreading bush formation. Can be sheared for foundation planting. 10 to 12-inch TTT, \$1.25 each; 2 for \$2.15.



Jack Pine, a rapid grower.

EVERGREEN SEEDLINGS

	10	25	100
Black Hills Spruce, 10-12 in. T.....	\$2.35	\$5.00	\$17.00
White Spruce, 12-18 in. T.....	2.25	4.75	16.50
Jack Pine, 12-18 in. T.....	2.20	4.50	15.00
Scotch Pine, 12-18 in. T....	2.35	4.95	17.00
Austrian Pine, 12-18 in. T.....	2.75	6.25	23.00
Bull Pine, 12-18 in. T.....	2.35	4.95	17.00
American Arbor Vitae, 12-18 in.	2.75	6.25	23.00

Hardy HEDGES



A Mulberry hedge at the home of Mr. Joe Hahn. It has been a very pretty hedge for 10 years, and in that time whenever the hedge became too tall, Joe cut it back and had a fresh, young hedge in record time.

Chinese Elm Due to the rapid growth of the seedlings, and their response to shearing, a quick hedge can be grown from 12 to 18-inch Chinese Elm seedlings, see page 28. Particularly for hedging on the larger lawns of farm properties. Plant 6 or 8 inches apart in the row, cut the seedlings back to 6 inches from the ground right after planting to encourage a low branch system. Shear the new growth once or twice through the summer, and cut the hedge back every spring, allowing only 4 to 6 inches of growth to remain on the hedge from one year to the next.

Amur River Privet Amongst all sheared hedges, Amur River Privet stands far out in the lead. Its extreme hardiness is only one of the advantages Amur River Privet offers; a clean, healthy, shining green foliage, a dense growth that responds wonderfully to shearing are also found in this Privet. I recommend planting either in a single row 6 to 8 inches apart, or in a double row for a very broad hedge, the rows 8 to 10 inches apart, the plants in the rows 8 inches apart, and standing alternately. Right after planting cut them back to within a few inches from the ground to make the hedge bush out low. Shear twice during the summer to even up the new growth. I have well rooted plants, the best for hedges.

Postpaid:	10	25	100
12-18 inch nice plants....	\$1.55	\$3.75	\$12.00
18-24 inch heavy plants..	2.00	4.50	16.40



Russian Mulberry Plant-ed and sheared from the beginning like the Privet or Chinese Elm, the Russian Mulberry makes a very pretty sheared hedge. The spacing of the plants for a hedge of not over 4 feet high should be about 8 inches apart in the row. And for a very wide hedge two rows can be planted, the rows 10 inches apart, the plants in each row 10 inches apart, and arranged alternately. This is a stout, hardy hedge, responding well to shearing, by branching very freely and becoming dense.

Prepaid:	25	100	300
6-12 inch plants.....	\$0.80	\$2.90	\$8.00
12-18 inch plants.....	1.10	3.90	9.90

Barberry, Thunbergi Will make a pretty hedge up to 18 to 24 inches in height. Keeping its neat shining green foliage throughout the summer in perfect condition, changing to a showy red in fall. Densely branched, can be grown in sheared form or without shearing in natural shape. For shearing plant 8 inches apart, for natural growth 12 inches apart in the row. 12-inch hedging size, 10 for \$1.75; 25 for \$3.65; 100 for \$13.50; prepaid.



For low enclosures the Barberry is one of the best, but Privets can also be kept to 18-inch height, as this photo shows.

Planting and Care of Hedges

Simplest method of planting is in a trench 10 to 12 inches deep, and the width of a garden-spade is usually just right. Set the plants in about 1-inch deeper than grown before in the nursery, and before completely filling the trench with soil, apply plenty of water. Finish filling when the water is soaked away, which still makes it possible to put all plants in line. Shear the tops down to about 4 inches from the ground, right after planting. This produces a low, dense growth. Shear the new growth in midsummer to any height. Shear again early the following spring to 8 or 10 inches from the ground. Summer shearing is to shape up the new growth to even height and sides. Spring shearing builds the hedge up gradually, and produces the dense growth needed for good appearance. Flowering hedges need not be sheared.

Flowering... HEDGE

Bush Honeysuckle

Grandiflora Bush Honeysuckle makes a pretty, very dense screen 8 to 10 feet tall. Plant them 18 to 24 inches apart in the row. Blooms pink in May, later followed by red berries. Extremely hardy, always a fine, clean shrub, healthy foliage, and an upright grower. Can be sheared to even height. 12-18 inch nice plants, 10 for \$3.25; 25 for \$7.80* postpaid.



Spirea Hedge in Bloom.

Spirea Van Houtti There is no other flowering hedge of this height (4 to 5 ft.) that would be so hardy, and require so little care as the Spirea Van Houtti. Blooms beautifully in June. 12 to 18-inch nice plants, 10 for \$1.95; 25 for \$4.45; prepaid.

Persian Lilac Makes a most elegant tall hedge, will not make sprouts from the roots, keeps a healthy foliage throughout summer and fall, and blooms beautifully at "Lilac-Time." For a fine, dense screen-enclosure, plant Lilacs. Nice hedging size, 12-18 inch plants, 10 for \$4.85; 25 for \$11.00; prepaid.

Old Fashioned Lilac The same as above except for its leaves, which are larger, and is preferred where there is no shortage of ground space, as this Lilac sometimes makes a few sprouts from the roots. Blooms beautifully. Special price on hedging size, 12-18 inch plants, 10 for \$4.25; 25 for \$9.90; 100 for \$37.40; postpaid.



This hedge of Persian Lilac furnishes complete privacy for Grant Randall's outdoor Living Room.



THORNY HEDGES, for Protective Enclosures

Russian Olive—Silver Leaf

Silvery-gray foliage and twigs, which makes a hedge of these plants very attractive. Plant 8 inches apart in the row, and shear the plants right after planting to 3 inches from the ground to make them bush out low. Will make a nice 4 ft. hedge, or for a tall screen plant 12 inches apart. Shear during the summer once or twice to even up the new growth, and cut the hedge back every spring, allowing only 4 inches of previous year's growth to remain on the hedge. My plants have strong roots, short tops, special hedge-grade. Prices, see page 36.

Osage Orange The most popular hedge for field and stock enclosures. Best for post growing. Osage Orange is coming back; in recent years it has been proven that these hedges protect fields from hot and dry wind, and catch the snow in the winter. It improves farm ground. 12 to 18-inch seedlings, 100 for \$2.50; 300 for \$6.00; prepaid.

Caragana, Siberian Pea Tree

Extremely hardy, makes a pretty screen, very upright in growth, blooming yellow in May. Has a pretty foliage. For enclosure of your garden, as well as for stopping the wind, this plant is very satisfactory. Prices, see page 37.

ALTHEA

Rose of Sharon

Hardy in the North with protection of straw-mulch. Fine upright growing shrubs (6 ft.), blooming beautifully through late summer and fall.

Hardy
Healthy

Flowering

Flowering Trees of . . .
Very Showy Types - See Page 36-37

Althea Ardens Large double violet colored flowers.

Althea Jeanne d'Arc Pure white double flowers.

Althea Lucy Finest red, very double flowers.
Prices of all Altheas: Extra nice 2-ft. shrubs, 57c each, postpaid.

Barberry Thunbergi The green-leaved type, used exclusively for low hedges. See page 40, for description and prices. All our Barberries are free from rust and any other disease.

Choke Cherry (Prunus Denissa). Grows to a large size, and can be grown in bush or tree form. Blooms early in the spring in dense racemes of white flowers, a beautiful sight when in full bloom. The cherry that appears later in the season is purple black, sometimes used for canning. Hardy everywhere. 2 to 3 ft. nice shrubs, 52c each; 3 for \$1.45; prepaid.

Red Leaf Barberry (Atropurpurea) Of the same type and strain as the Barberry Thunbergi, also growing to a height of 2 to 3 feet. However, the foliage of this barberry is of a bronzy-red color throughout the entire summer, coloring up to a fiery red in the fall. In a sunny or partly sunny place the color develops best, in full shade it remains almost green. Can also be sheared to forms, in landscape work it is used very generally for color effect. Extra strong well branched shrubs, 85c each; 3 for \$2.35; postpaid.



ROSE OF SHARON Collection

1 Violet
1 White
1 Red

All double flowering, 2-ft. shrubs . . . **\$1.48**
PREPAID

The upright growth, nice foliage, and the three showy colors of Altheas mixed in the row. A pretty sight.

SHRUBS

Selected for Hardiness

Long Life

Year-round Ornaments

[Page 42 to 49]

Butterfly Bush Trio

1 Ile de France
1 Charming
1 Red Dubonnet

All well rooted plants, will bloom the first year; the three for

\$1.69
PRE-PAID

BUTTERFLY BUSH

THE 3 FINEST TYPES. Begin to bloom in July, and continue throughout the summer and fall. Roots are perfectly hardy, making a complete new blooming size growth every year.

Ile de France Butterfly Bush Grows to a height of 4 to 5 feet. The large flower spikes of lilac-purple appear in great abundance through summer and fall. Highly decorative in the garden or in bouquets. Strong blooming size roots, 55c each, prepaid.

Pink Charming Butterfly Bush A most beautiful new variety of distinctly pink to lavender shaded blossoms, otherwise, in height and freedom of bloom, same as the above. 69c each, prepaid.

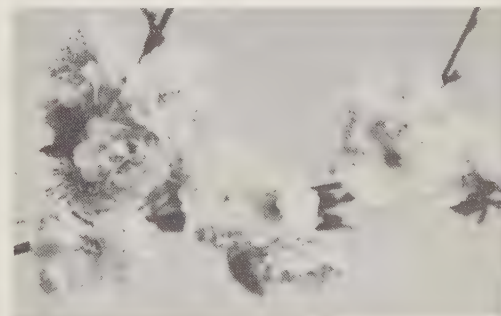
Red Dubonnet Butterfly Bush A new dark wine-red dubonnet colored type, with firm large spikes and large individual florets. Does not sunburn easily and blooms well from June until late fall. 65c each, prepaid.

Double Flowering ALMOND

Rose-Tree of China

Double Pink (*Prunus Amygdalus*). Will form a well shaped bush 4 to 5 ft. high, with erect main canes and bushy branches. In April when the double rose-shaped blossoms cover the slender branches of the bush it is truly a gorgeous sight. Hardy as far north as southern half of Nebraska and Iowa.

Nice shrubs, 2 ft. size, 90c each; 3 for \$2.50; prepaid.



Beautifully shaped, well arranged on the twigs, the flowers of the double flowering Almond rank amongst the finest of early spring.



A group of Hydrangeas. Showy in the small garden or the large park. In this picture *Hydrangea paniculata*.



Hydrangea paniculata

Grandiflora, commonly called P. G. Hydrangea. Grows 4 to 5 ft. tall, and produces a wealth of immense heart-shaped flowers. When the blossoms first open in August they are white, turning to a pink and bronze color later, and remain on the bush throughout the late summer in that color. Very hardy, and a sure bloomer. 12 to 18-inch, 59c each; 3 for \$1.55. 2 to 3-ft. shrubs, 88c each; 3 for \$2.45.

Hydrangea, American Everblooming

Also known as Snowball Hydrangea, Hills of Snow, and *H. arborescens*. Grows to a height of 5 feet. Flowers of dazzling white begin to appear in June,

and under normal conditions this Hydrangea will bloom repeatedly during the summer and early fall. Hardy, responds extra well to frequent watering through dry seasons. 12 to 18-inch, 65c each; 3 for \$1.75. 2 to 3-ft. heavy shrub, \$1.00 each; 3 for \$2.75.

New Blue Hydrangea

Flower heads are large, and appear from mid-summer until fall in generous numbers. Likes a shady place, and in Nebraska, and from here north it should have a heavy mulch for winter protection. It cannot stand lower than Zero without protection. In soil which contains a slight amount of alkali the flowers are pink, but as soon as the soil is acidized in any way, the blossoms will be pretty sky-blue. Adding about one tablespoonful of Aluminum Sulphate (from the drug store) to the soil at planting time, will produce the nice blue color. Any soil in a shady location, with plenty of moisture, and leaf-mold in the soil to contain natural acid, will produce the blue color without further aid. 2-year-old nice shrubs, the strongest on the market this year. \$1.48 each.

Highbush Cranberry (*Viburnum Opulus*.)

Grows 8 to 10 feet tall, a magnificent shrub of upright growth and spreading top. Blooms in May, large flat clusters of single white blossoms, followed later by ornamental berries.

A very hardy shrub, used quite frequently in the tall groups of shrubs in parks. 2-ft. shrubs, 70c each; 3 for \$1.95; postpaid.

Weigela Rosea

Grows to a height of 5 feet, with its gracefully arching branches covering a diameter of 4 to 5 feet. Blossoms rose pink, appearing on each branch in almost artistic bouquet form during June, and usually again late in the summer. A fine shrub for the garden and cut flowers. 12 to 18-inch nice plants, 45c each; 3 for \$1.25. 2 to 3-ft. blooming size, extra heavy, 75c each; 3 for \$2.10; postpaid.

Weigela Eva Rathke

Much like the Rosea, except that the blossoms of slim trumpet shapes are of showy crimson color, and usually has two blooming periods, June and late summer. Very pretty, should be in every garden. Weigelas in bloom are a beautiful sight, and are equally valuable for bouquets. 12 to 18-inch plants, 69c each; 3 for \$1.75; 2 to 3-ft. heavy shrubs, \$1.00 each; 3 for \$2.65.



Snowball This is the old fashioned—→ variety, which is perfectly hardy, developing into a large shrub 10 to 12 feet in height, and blooming most profusely. Of all the later introductions of Snowballs, none has ever come up to this strain in either hardiness, freedom of bloom, or perfect shape of blossoms. It prefers a moist and shady, or partly shaded place. As a single specimen on the lawn, as well as in the background of shrub groups, or against the wall, this is one of the most loved and admired shrubs. 12 to 18-inch plants, 65c each; 3 for \$1.75; 2 to 3-ft. extra heavy, 95c each; 3 for \$2.65; postpaid.



A young Snowball.

Mock Orange Virginalis Reaches a height of 5 to 6 feet and its first flowers appearing in May range from semi-double to double. In

normal years this shrub blooms again in late summer, at that time the blossoms are single. Of compact but erect growth, very valuable. Blossoms are white, in clusters, and are fragrant. 2 to 3-ft. heavy shrubs, 95c each; 3 for \$2.65.

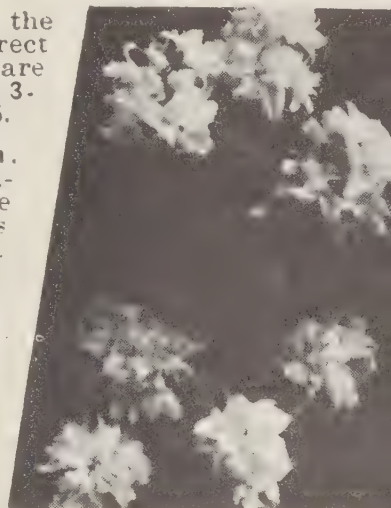
Hydrangea Trio

- 1 *Paniculata*
- 1 *American Everblooming*
- 1 *New Blue*

All bloom-
ing
size
shrubs **\$2.98** POST PAID

Flowering Quince *Firebush.*

Cydonia Japonica. Very early in the spring before the leaves appear this shrub produces a wealth of flowers. Deep flame-red cup-shaped flowers all along the wood of this shrub are a beautiful sight. Blooming time April and May, later followed by small yellow fruit. The latter is of no market value. This shrub grows to a height of 4 to 5 feet, spreads out nicely to form a good bush. It is perfectly hardy, and does well in the sun. 2 to 3-ft. blooming size shrubs, 72c each; 3 for \$2.00.



Blossoms of Virginalis Mock Orange.

Rugosa Rubrifolia Rose

A beautiful shrub for foliage effect, growing to a height of 5 feet, never freezes back in the winter, and the purple foliage shows up pretty, as a single shrub or in groups of other shrubs. Strong, healthy plants, 85c each, postpaid.

Hugonis Rose, Chinese Golden

Grows to a large bush, about 7 feet tall, and spreads to the same degree. It is hardy, needs no protection. The sparkling buds begin to swell in April, making a grand picture for two weeks and more, and finally when the buds open in late May and June the entire bush resembles a shimmering mound of gold. Nice 2-year shrubs, 90c each, prepaid.

Hansa, Red Rugosa Rose

Flowers large, of reddish violet color, and double, generally considered red. The bush is hardy, requires no winter protection. Note picture at right. Very nice 2-year old shrubs, 90c each, prepaid.

Austrian Copper Rose

A most beautiful hardy bush-rose, with blossoms of brilliant orange red inside and gold outside. Perfectly hardy anywhere. \$1.00 each, postpaid.

F. J. Grootendorst Rugosa Rose

Another perfectly hardy rose which blooms throughout summer and fall in clusters of crimson red double flowers. Very showy in the garden. Height about 3½ feet; same as Hansa. Strong 2-year old shrubs, 95c each, prepaid.



Hansa. Hardy, everbloomer.



Bush Honeysuckle, as shown in this photograph, are wonderful bloomers, perfectly hardy, with a good clean foliage, fitting well into any planting. Through late summer and fall highly colored berries decorate these shrubs.

Climbing Honeysuckles.
See page 50.

Golden Bell Forsythia. This is the upright growing type (fortuni) which grows to a height of about 5 feet. The shrub is perfectly hardy everywhere, and requires very little care, its wood and foliage is always free from insects and disease. Flowers brilliant golden yellow, borne in great profusion before the leaves come out. In many localities this shrub is almost unknown. We recommend it very highly. It will be one of the most attractive shrubs in your spring garden. Few shrubs will give you so much for so little. Nice 12 to 18-inch plants, 45c each; 3 for \$1.20. 2 to 3-ft. shrubs, extra strong, 70c each; 3 for \$1.90; prepaid.



The blossoms of the Golden Bell appear early in the spring, before its own leaves or the foliage of other shrubs and trees begin to show.

Bush Honeysuckle Grandiflora Rosea

The most popular of the Bush Honeysuckles. A very fine type which will grow to a height of 10 to 12 feet, with upright, somewhat spreading branches and a healthy, bright green foliage. The flowers are borne freely in May and June; they are of bright pink color, followed by showy red berries, which ripen in mid-summer and cling to the bush for a number of weeks. This fine bush is of great value for a tall hedge, a screen on the lot line, or as background to groups of smaller shrubs. It can be sheared to any desired form. Shearing of shrubs such as this should be done right after blooming. Will withstand the severest winters, even in the extreme North. 12 to 18-inch nice plants, 50c each; 10 for \$4.00; 25 for \$8.20. 2 to 3-ft. extra select shrubs, 80c each; 3 for \$2.20; prepaid.

Bush Honeysuckle Red Tartarian

In habit of growth, height and adaptability, much like the Pink Grandiflora Honeysuckle, the blossoms appearing in showy abundance through late May and June. In general landscape work it is to be regretted that the Bush Honeysuckles have received so little attention in recent years. We have so many requests for nice appearing shrubs of fairly tall growth, and for quick results, that we must point out the many desirable qualities of the Bush Honeysuckles. They will fill your needs in a most satisfactory way. 12 to 18-inch nice well rooted plants, 54c each; 3 for \$1.45; 10 for \$4.20. 2 to 3-ft. selected shrubs, 85c each; 3 for \$2.35; prepaid.

Hardy Holly ^{Winter- berry}

The hardiest of the Ilex family, and successful in the Middle West and East. Showy red berries for winter decoration. Shrub eventually reaches a height of 8 to 10 feet. Use plenty of Oak-leaf mold, to which Cottonseedmeal and waste tobacco may be added, also apply plenty of water. In this soil combination the shrub does extra well. Use no commercial fertilizer, not much care required after planting: this shrub wants to be left alone. 12 to 18-inch nice shrubs, 70c each, postpaid.

Purple Fringe Tree

Rhus cotinus. Also known as Smoke Tree, because of the large panicles of very small purple flowers, which look like puffs of smoke. Entirely hardy, and never attacked by insects or other pests, the shrub grows in dense shape to a large globe form, 10 to 12 feet high, with a shiny, healthy foliage. \$1.00 each, postpaid.

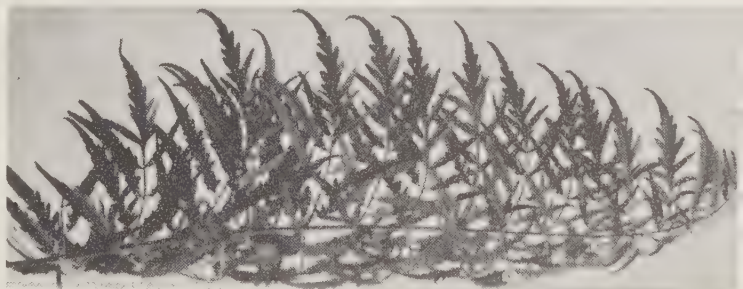


Tamarix Hispida

Note picture above. This is not only the hardiest of the Tamarix family, it also blooms over a longer period than any other variety. Grows quite bushy to a height of 10 to 12 feet and can be sheared to lower and denser growth. Begins to produce its fine sprays of pink blossoms in June, and continues to bloom through the greater part of the summer. Tamarix are not affected by saline or alkaline soils. 12 to 18-inch nice shrubs, 48c each; 3 for \$1.30; 10 for \$3.95. 2 to 3-ft. blooming size, selected shrubs, 78c each; 3 for \$2.20; postpaid.

Fern-Leaf Sumac

Staghorn Sumac. (*Rhus typhina.*) The Sumac with the prettiest foliage known amongst hardy shrubs, rivaling the most delicate ferns. The individual twigs are about 12 inches long, on which the fern-like leaves are beautifully arranged. Throughout the summer it is a most admired foliage shrub, and with the first frosts of fall, the light green of this bush changes to all shades of yellow, brown and red. The shrub is perfectly hardy anywhere, it is a strong healthy grower, always free from insects and other pests. Choice 2 to 3-ft. shrubs, each, 75c, prepaid.



A twig of the Fern-Leaf Sumac, normally about one foot long, is one of mother nature's masterpieces of foliage effect. Light green throughout the summer, the color changes to all shades of old copper, yellow, brown, and red with the first frosts in the fall.

Extra Choice Lilacs

Finest fragrant flower of early spring. Vigorous growth plus an unlimited blooming ability are yours in Sonderegger's better Lilacs.

You will love your French Lilacs for their wealth of splendid cut-flowers.

LILAC Collection

1 Mrs. W. E. Marshall
1 Madame Lemoine
1 Belle de Nancy
1 Marc Micheli
1 Charles X
1 Souvenir

\$4.98

All 6
Postpaid..

French Budded Lilacs

Grown especially for bouquets, their blossoms being particularly well developed, of beautiful color shades, and highly fragrant.

Souvenir de L. Spaeth. Single, very dark blue-to-purple shade. Excellent.

Charles X. Single, deep reddish purple, very popular.

Belle de Nancy. Double, rose with white center; a beautiful flower.

All varieties listed: Choice extra select 18-inch shrubs, 95c each, prepaid.

Old Time Lilac, Purple (Syringa Vulgaris.)

Grows to a beautiful shrub, dense well shaped, height 10 to 12 feet with shiny, leathery leaves, and a most beautiful blooming season. Highly fragrant flowers, true lilac purple. Used for single shrubs, in groups, and for hedges, screens and even windbreaks.

Price of Old Time and Persian Lilacs,

Prepaid:	1	3	10
2-3 feet.....	\$0.78	\$2.20	\$6.80



Mme. Lemoine. The most liked double, White Lilac.

Marc Micheli. Double, blue; the best in this color.

Mrs. W. E. Marshall. Single, of outstanding purplish crimson color.

Persian Lilac Syringa Rothomagensis.

Sometimes called Chinese and Rouen Lilac. Grows to a height of 10 to 12 feet and blooms in April and May. Blossoms purple, blooms well, and the special advantage of this lilac is that it does not make sprouts away from the bush. Therefore, it is preferred for hedges around gardens and lawns where the occasional sprouts of the Old Time Lilac are sometimes objectionable. Stands shearing well.

Hardy SPIREAS

Spirea Anthony Waterer Grows to a height of 2 to 3 feet, upright in growth, and in bloom almost throughout the entire summer with showy crimson flowers, arranged in flat umbels. It is practically ever-blooming, and hardy most anywhere except in the extreme North where it should have a mulch of straw or leaves over winter. Prefers a shady or partly shaded place.

Prepaid:	1	3	10
12-18 inch plants.....	\$0.48	\$1.30	\$3.95
18-24 inch nice shrubs....	.78	2.20	...

Spirea Prunifolia A highly graceful shrub. The branches are thickly covered almost to their entire length with the delicate snow-white blossoms of the Prunifolia. Each of the slightly arching branches a wreath by itself. Each blossom perfectly double. The shrub is hardy anywhere, and remains in the same place for many years with little more than an occasional light pruning, which is done right after blooming, if the branches are not used for bouquets. Grows to a height of about 4 feet. Very choice shrubs, 18 to 24-inch size, 72c each, prepaid.

Spirea Van Houtti "Bridal Wreath"

Its height of 5 to 6 feet, that can be kept sheared if desired, fits in just perfectly on most places. For hedges, foundation planting, background to smaller shrubs or flowers, as well as for single specimens; few other shrubs fit in so well as this Spirea. May and June are the flowering time of the Spirea Van Houtti. Like huge snow-drifts, the branches of the shrub arching as if under the weight of the blossoms with which they are completely covered. Perfect hardiness, healthy growth, easiest of culture, make up the rest of desirable qualities all found in this shrub.

Prices of Spirea Van Houtti

Prepaid:	1	3	10	25
12-18 inch nice plants.\$...	\$0.68	\$1.95	\$4.45	
18-24 in. good shrubs..	.45	1.15	3.25	7.00
2-3 ft. bushy shrubs...	.55	1.50	4.30	9.90

Planting of Shrubs

Our shrubs come with extra large root systems. Have the holes for planting dug large and deep enough to give the roots plenty of room without cramping. Plant the 12 to 18-inch sizes about ½-inch deeper, the 2 to 3-ft. sizes 1 inch deep than grown in the nursery. Use no fertilizer near the roots, just ordinary top-soil is best. Water well after planting to settle the soil. Branches can be pruned back slightly if desired, but this is not necessary.

BEATRICE, NEBRASKA



Spirea Prunifolia

The very earliest of all Spireas to bloom in the spring, even before the leaves appear.



When, during periods of dry weather, watering of shrubs or trees becomes necessary, take away a little soil, forming a shallow basin around each shrub or tree. Fill this with water two or three times. When the water has soaked away, level off with dry soil, which acts as mulch.



Among the many pretty shrubs and flowers on the Henry Wolken home is this Boston Ivy and Privet hedge.

Boston Ivy The vine that clings to stone and brick walls. Does best on the north and east side of the building, gradually covering the entire wall or chimney. This is the only satisfactory plant to use on stone or brick walls without support. Nice plants, 65c each; 2 for \$1.15; postpaid.

Chinese Wistaria This is a fast grower, with durable, healthy vines, resisting high winds on trellis work. It produces flowers of great beauty, although the vine has to be about three years old before it begins to bloom. Flowers come in large grape-shaped clusters of purplish-blue color. Foliage shiny green, clean, and free from diseases. Where a nice shady place is needed quickly in your garden, erect a small arbor of trellis work, let a pair of Chinese Wistaria cover it, and you will have that delightful little spot of rest and shade on a hot summer day. Our extra strong 2-year vines, 60c each; 2 for \$1.10; prepaid.

Silver Lace Vine (*Polygonum auberti*.) By far the most rapid grower, easily covering a large trellis in one growing season, and blooming profusely from mid-summer to fall. Free from insects and foliage diseases. Hardy, and if in severe winters the vines do freeze back, the new growth in the spring will rapidly replace the lost vines, as the roots are perfectly hardy. 69c each; 3 for \$1.88; prepaid.

Ampelopsis Engelmani Engelman's Ivy. Clings firmly to old tree trunks or trellis work. Retains an excellent foliage throughout summer and fall, and is very dense. Hardy everywhere, and requires practically no care after planting. 40c each; 2 for 70c; prepaid.

Climbing VINES

Long-Lived . . . Extra Hardy

Hall's Honeysuckle

Hall's Evergreen Honeysuckle. Stays green almost up to Christmas, and in more southern locations practically through the winter. A very pretty vine, with clean, healthy foliage, and producing a wealth of creamy white blossoms in mid-summer; blossoms are fragrant. Grows about 12 to 15 feet tall; can also be used for ground-cover on steep banks. Nice No. 1 plants, 48c each; 2 for 88c; prepaid.

Gold Flame Honeysuckle

This is truly a wonderful plant, grows to full blooming size the first year, and blooms continually from mid-summer to late fall. Blossoms very showy, beautiful color, and fragrant. Should be in every garden. Strong No. 1 plants, 85c each; 2 for \$1.55; prepaid.

Bittersweet

(*Celastrus scandens*.) A native American vine with a pretty foliage, and bearing red berries in late summer and fall which cling to the vine until late winter. The twigs and berries are often used in winter bouquets. Two vines should be planted to assure pollenizing, and to get berries. Perfectly hardy; can be grown most anywhere. 2-year-old No. 1 plants, 2 for 95c, prepaid.



Wistaria in Bloom

Climbing Roses.

See page 3.

Grape Vines for arbor covers.

See page 71.

Beta grape.



The rapid-growing Silver Lace Vine covers large trellis work in record time, hardy, stands full sun and heat.

Red, White and Blue CLEMATIS COLLECTION

1 Jackmani
1 Henryi
1 Mad. Ed. Andree

ALL CHOICE PLANTS

for..... **\$2.85**

FREE: with this Collection,
1 Chinese Wistaria.

Large Flowering CLEMATIS

Clematis Jackmani The purple-blue Clematis which is so very popular. Blossoms appear in great abundance, very large, star-shaped. Makes a beautiful trellis climber. **\$1.00 each, prepaid.**

Clematis Mad. Ed. Andree Of all the large flowering Clematis, this is the best red variety. Blossoms just as freely as Jackmani. For sure results plant our heavy potted Clematis. **\$1.00 each, prepaid.**

Clematis Henryi The most perfect white Clematis, with large, star-shaped blossoms in great numbers. Plant more of these pretty trellis plants. They are hardy. **\$1.00 each, prepaid.**

Small Flowering Clematis

Paniculata Grows much faster and to larger size than the large flowering Clematis, however, the blossoms of this Clematis appear in clusters, are star-shaped, and much smaller than those of the other Clematis. Makes splendid plants on the arbor or other tall trellis work. No. 1 plants, 65c each; 3 for \$1.80; prepaid.

Trailing Periwinkle Vinca Minor, or Creeping Myrtle. Hardy, evergreen, grows to a beautiful dense ground cover about 6 inches high and spreads well. Very attractive in shady and semi-shaded places. 3 plants for 69c; 10 for \$2.00; prepaid.

Clematis Coccinea The Scarlet Bell - Flower Clematis. A pretty climber with broad, green leaflets and exquisitely shaped blossoms of intense scarlet, remaining on the vine for an unusually long period throughout the summer. Very hardy and drought resistance, and a fast grower. 65c each; 3 for \$1.80; postpaid.

Perennial Sweet Pea Lathyrus. A rapid growing vine, blooming profusely throughout summer and fall. Flowers like regular Sweet Peas, ranging in color from apple-blossom pink to dark red. For ground-cover, fence cover, or low trellis work; a hardy, very pretty plant. 38c each; 3 for \$1.00; prepaid.

PLANTING INSTRUCTIONS

All climbing vines listed here will give good results in ordinary garden soil, to which fertilizer should not be added at planting time. Where the soil is not of the best quality, fertilizer (either commercial fertilizer or well-rotted manure) can be applied later on, preferably late in the fall, not touching the vines, but in a circle of about one foot around each plant. Whatever may be left of the fertilizer the following spring can be worked into the soil lightly when the soil around the plants is cultivated in early spring. For the large flowering Clematis, the east side of a building or partial shade is best. In a sunny location the soil should be mulched with wood-shavings through the summer, so as to keep the roots fairly cool.



The large, star-shaped blossoms of the Clematis are extremely showy. Planting all three varieties on the same trellis, 2 feet apart, crossing the vines, brings out the "Red, White and Blue" in living colors.



America's Finest DAHLIAS

Complete Instructions on Planting and
Care of Dahlias with Every Bulb
Shipment.

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unless quoted otherwise:**

36c each, 3 for 98c

Postpaid

Delivery in first-class condition
guaranteed.

DECORATIVE DAHLIAS

Extra Large Flowering, Highly Colored, Full
Double to the Center. Extremely Showy.

Oregon Beauty Real bright red.
Very pretty.

Groll's Genesee A splendid new
Dahlia. Very
showy orange-red. 48c each, postpaid.

Rose Glory A very large, perfectly
double Dahlia of a most
appealing shade of rose-lavender. 45c each,
postpaid.

Mrs. Geo. Le Boutillier The
largest
and best red of all Dahlias. Should be in
every planting. Each, 52c, postpaid.

SHOW DAHLIAS With Ball-Shaped Flowers, Perfectly Double to the Center.
Should Be in Every Garden. For Bedding and Cut Flowers.

D. M. Moore Very dark red, nearly
black, stiff stems, fine
cut-flower; very popular.

Mary Helen Beautiful clear yellow.

A. D. Livoni One of the most popular
pink Dahlias, showy;
good cut-flowers.

POMPON DAHLIAS

These Are the Miniature or Liliput Dahlias Preferred for
Cut Flowers for Their Pretty Shapes.

Joe Fette Prettiest
White.

Golden Queen Deep
yel-
low. Excellent.

Gertrude Prize-winning
crimson Pom-
pon Dahlia of pretty shape
and blooming very freely.

Zant's White Extra large, very dou-
ble, pure white. Should
be in every Dahlia garden. Each, 55c.

Silver Sheen Very beautiful shade of
lavender.

City of Cleveland Very large flow-
er, orange suf-
fused red.

Arcturus The new Scarlet and Gold
Dahlia. Each, 45c, postpaid.

Blue River A new Dahlia, large double
flowers, beautifully shaped,
of dark lavender color. Each, 55c, prepaid.

Floral Park Jewel Showy, red tip-
ped white.

Red Chief Best bright red of the ball
shaped Dahlias.

Bonnie Blue A fine, globe shaped
double Dahlia of rare
bluish color. Should be in every planting.

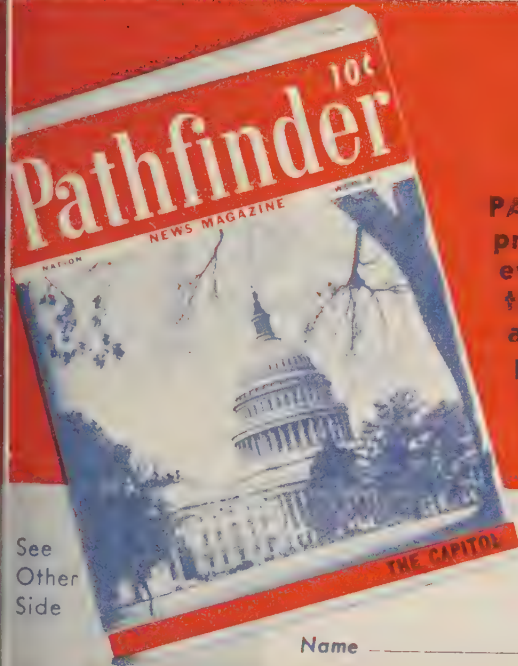
Pompon Dahlia Collection

1 Each of the Five
Varieties Listed

\$1.15 PREPAID

Fairy True pink and dou-
ble. Should be in
every planting.

Achilles Flesh color tip-
ped with laven-
der. Simply the cutest flow-
er for your late summer and
fall bouquets.



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Dahlia Collection

1 Mrs. Geo. Le Boutillier
1 Groll's Genesee
1 Rose Glory
1 Zant's White
1 Blue River

All 5, choice bulbs,
true to name.....

\$1.95
POST
PAID

Pompon Dahlias make wonderful bouquets, and are offered in a wide range of colors. You will love them in your garden.



Hardy GARDEN LILIES

Western Sunset Lily *Pardalimum Giganteum*. Besides being a very showy lily in its sunset-red shades, it is so easy to grow, needs so little care, and is so hardy that you can simply plant it anywhere, shade or sun, and it will bloom well for you. Nice bulbs, 49c each; 3 for \$1.35; postpaid.

The Royal Lily
Regal Grows to a height of 2½ feet, and blooms in June and July. A very showy, fragrant Lily, its waxy-white trumpets are larger than any other Lily, and appear in great abundance, the plant improving from year to year. Plant bulb 7 inches deep. Choice bulbs, 35c each; 3 for 90c; prepaid.

Red Russian Also known as Bonfire Lily. Grows about 2 feet tall, with a good dense foliage, and produces its fire-red large blossoms in most showy clusters. Really the surest Lily to bloom, hardy everywhere, and requiring practically no care. Blooming time May and June. Plant bulbs 4 inches deep. Extra choice bulbs, 40c each; 3 for \$1.00; prepaid.

Superbum Lily A large flowering type, of the "Turk's Cap shape." Ranges in color from pale yellow to crimson, inner surface of petals spotted. Blooms later in the summer, when the blooming season for most other Lilies is over. Blooming size, 35c per bulb; 3 for 95c; postpaid.

Lily of the Valley The hardy type, and choicest garden variety. Likes a shaded or partly shaded place. Plant 10 inches apart; will grow to a solid mat. 5 for 50c; 12 for 98c; postpaid.

A Bed of Hardy LILIES

2 Regal
2 Red Russian
2 Western Sunset
2 Superbum
All 8 Bulbs

for..... **\$2.35**
POST
PAID

Giant Tiger This Lily grows fairly tall, 3 to 3½ feet, under ordinary care, and blooms in August. Flowers appear in great number. This is the large flowering type with salmon-red flowers, spotted black. Hardy everywhere. No. 1 bulbs (plant 4 inches deep), 40c each; 3 for \$1.10; prepaid.

Red Coral Lily A small, and very dainty Lily, reaching a height of about 20 inches, and producing a large number of waxy, deep scarlet blossoms in May and June. Very nice in your foreground planting. Plant 3 inches deep. Blooming size bulbs of this Lily are not very large, but sure to bloom. 45c each; 3 for \$1.20; postpaid.



A Canna-Bed is always highly attractive, but a suitable border doubles its beauty. Fountain Grass as shown in photo above, red Salvia or Caladiums are fine borders for Canna Beds.

Fountain Grass

(*Pennisetum ruppelianum*)

This is a very graceful plant, its narrow leaf-blades are of dark green color, shiny, always free from rust or insects, arching gracefully at a height of about 2 feet. The plume-stems grow about one foot above the foliage, with beautifully shaped plumes, long cylindrical spikes, of fluffy, long-lasting purplish gray. A marvelous border for Canna Beds planted about 18 inches apart. Also very showy as background to your bed of Annuals and Perennials. Use them freely in your garden. Fountain Grass is an Annual plant, good for one season only. Price: 3 for 55c; 10 for \$1.50; postpaid.

Salvia

SCARLET SAGE

No other plant produces such a wealth of flowers, without interruption from mid-summer to frost. Doubling the real beauty of this plant is the showy, dense dark green foliage, above which the spikes of blossoms appear in their intense scarlet shading. Planted about 14 inches apart, they make a solid green and scarlet border around beds of larger flowers, especially Canna Beds. No matter what the flower bed contains, if it is bordered with Salvia the total appearance becomes captivating. This is an annual plant, for immediate results, the first season only, grows about 18 inches high, and has the added advantage of attracting the rare Hummingbirds. 3 for 55c; 10 for \$1.50; postpaid.

Sure to Cannas

City of Portland. The most perfect pink Canna. Green foliage. Grows 4 feet tall.

Hungaria. Satiny pink. 3½ ft. Blooms well. Green foliage.

Red King Humbert. Orange scarlet. 4 ft. Leaves bronze red.

Richard Wallace. Canary yellow, grows 4 feet tall with green foliage. Very good.

The President. Glowing scarlet. 4 feet. Green leaves.

Statue of Liberty. Grows 6 to 7 feet tall, bronze foliage, blossoms blazing flame red.

Wyoming. Showy orange, very good. 5 feet. Strong bronze colored foliage.

Yellow King Humbert. Golden yellow, blotched red. 4 feet. Foliage green.

Caladium Elephant's Ear

A foliage plant of tropical appearance, growing from a bulb to monstrous size, the leaves often reaching a length of 3 feet, like dark green shields. Particularly effective near water, or planted around Canna Beds. Requires plenty of water, and where other plants may not do so well because of too much moisture, Caladium will be especially successful. The bulb is taken up in late fall, and is handled like Canna for storage through the winter. Plant 4 inches deep. No. 1 bulbs, 43c each; 3 for \$1.15; postpaid.

Fancy Leaf

Produces its large foliage in many different shades of colors, striped and spotted, white, green, and red. Special selection of highly colored strains, 50c per bulb, postpaid.

We ship Fountain Grass and Salvia plants when most danger of frost in your locality is past.

Bloom

Fancy . . .

No. 1 Bulbs

6 for 98c

12 for \$1.75

25 for \$3.25

Postpaid

Safe Delivery
Guaranteed.



Canna Bed with Caladium Border, near a pool.

Plant 18 inches apart, 4 inches deep. Water frequently. A sunny place gives best results. Take Canna bulbs up in the fall after frost, store in the cellar free from freezing.

7 ft. round . . .

Canna Bed

Center: 1 Statue of Liberty
1st Circle: 6 Red King Humbert
2nd Circle: { 6 Richard Wallace
 6 Hungarian
 19 Bulbs

\$2.35
Post-paid

10 ft. round . . .

Canna Bed

Center: 9 Statue of Liberty
1st Circle: 12 Wyoming
 6 Hungarian
2nd Circle: { 6 Red King Humbert
 6 President
 39 Bulbs

\$4.72
Post-paid

Border of Salvia

Twenty plants, 14 inches apart, will complete border for the 7-ft. bed.

SPECIAL: With Canna collection, \$1.75 for 20 Salvias.

\$4.10 Complete

Border of Fountain Grass

Twenty plants, spaced 20 inches apart, will make the border for 10-ft. bed.

SPECIAL: With the above Canna collection, \$2.10 for 20 Fountain Grass.

Complete for **\$6.82**

Tuberose . . .

Mexican Extremely fragrant, the sure-blooming type. Grows 16 inches tall and blooms in September in long spikes of waxy-like blossoms. Plant the bulbs 4 inches deep, and late in the fall take the bulbs up for winter storage in the cellar, like Gladiolas. 3 Bulbs, 35c; 6 for 65c; 12 for \$1.15; postpaid.

Begonia Double Flowering Camellia

Tuberous Begonias. White, Yellow, Pink, Red, Scarlet. Your choice of the colors. Strictly first class bulbs, sure blooming, true to color. 40c each; 3 for \$1.00; 5 for \$1.50; postpaid.

Gladiolas

Our list of Gladiolas includes the latest prize-winning types, as well as the best of the former favorites. Note complete list and low prices on these top-size, sure to bloom bulbs on page 69 of this book. Your order for flowers placed with us, assures you of strictly first class planting stock, guaranteed true to name. Guaranteed to reach you in first class condition.

FLOWERS... For the Garden Border

Annual varieties are marked "A" and perennial varieties, "P."

ASTERS—A

794. **Giant Crego Aster.** The sturdy, well-branched plants are about 2 feet tall, and produce a great quantity of immense flowers, often measuring 5 inches in diameter. The petals are curved and twisted. Bloom late August until frost. Pkt., 15c.

796. **Heart of France.** Beautiful deep ruby-red blooms, large and double, borne on extra long stems. Pkt., 5c.

798. **Giant Branching Mixed.** Wilt resistant. A very free bloomer with large double flowers, broad petaled type. Pkt., 5c.

799. **Giants of California.** Large double flowers with long curled petals growing on stems 1½ to 2 ft. long. Mixed colors. Pkt., 8c.

AGERATUM—A

827. **Blue Cap.** Very dwarf and compact. Leaves are small and the plants appear like miniature domes completely covered with blue flowers. Pkt., 5c.

SWEET ALYSSUM—A

832. **Little Gem.** The 4-inch plants are completely covered with snow white flowers. Wonderful for edgings. Pkt., 5c.

834. **Violet Queen.** Compact plant 6 inches tall with deep lavender flowers. Nice with white alyssum. Pkt., 10c.

SNAPDRAGON—A

843. **Mixed Colors.** Rust-proof. They produce many spikes 18 inches high, closely set with large flowers which bloom all summer and fall. Pkt., 5c.

AQUILEGIA—P

847. **Mixed Hybrids.** Large attractively formed flowers with broad petals and beautiful long spurs. Plants are free blooming, vigorous growers, 2 to 3 feet tall. Pkt., 10c.

BALSAM—A

864. **Mixed Colors.** Bushy plants with double flowers produced close to stem. Pkt., 5c.

CANTERBURY BELLS—P

894. **Cup and Saucer.** An easily grown biennial with bell-shaped flowers. Pkt., 5c.

CANDYTUFT—A

900. **Mixed Colors.** Hardy annual, bearing many large spikes of flowers from early summer to frost. Pkt., 5c.

CARNATION—P

906. **Sonderegger Double.** Large double flowers, sweet scented and fine for house culture. Pkt., 10c.

908. **Everblooming French.** Large double flowers of rich color which bloom in four months from seed. Pkt., 10c.

COCKSCOMB—A

916. **Mixed.** Makes a very showy plant with its beautiful combs. Pkt., 5c.

COSMOS—A

943. **Orange Ruffles.** Vivid orange flowers with two or three extra rows of petals lend an airy butterfly beauty to the richly colored blossoms. Pkt., 5c.

944. **Giant Sensation Dazzler.** A luscious shade of rich deep velvety crimson. The broad fluted petals slightly overlap, giving the flowers a very full appearance. Pkt., 10c.

946. **Early Flowering.** Large single flowers of red, pink and white. Pkt., 5c.

949. **Double Flowering.** Showy plants with large double flowers. Pkt., 5c.

CHRYSANTHEMUM—A

940. **Mixed.** Flower profusely during summer and fall. Showy in the garden and fine for cutting. Pkt., 5c.

DAHLIA—A

952. **Dwarf Hybrids.** Early flowering, semi-double dahlias in a varied assortment of colors. Bushy plants 1½ feet tall. Pkt., 10c.

DAISIES—P

958. **Shasta.** Large white single flowers 4 to 5 inches across with small yellow centers. Pkt., 5c.

960. **Giant Double Shasta.** The largest Shasta daisy, the double flowers are nearly 7 inches across and stems 2½ feet long. Pkt., 15c.

SPIDER PLANT—A

966. **Pink Queen.** A tall and attractive plant with huge heads of delightful true pink flowers. Plants well branched, with airy foliage and blooming from June until frost. Pkt., 5c.

DELPHINIUM—A

968. **Tall Mixed.** Easily raised, quick growers and very free flowering; produces a wealth of large, double blooms on long stems. Pkt., 5c.

972. **Wrexham.** Stately plants, with their large double flowers, closely set together, form spire-like spikes. Pkt., 10c.

DIANTHUS—P

997. **Special Mixed.** A splendid mixture of brilliantly colored sweet scented flowers. Dwarf, bushy plants 12 inches tall, free flowering and blooming from July until frost. Pkt., 5c.

FORGET-ME-NOT—P

1009. **Chinese Blue.** Dwarf, compact growing free flowering plants. Prefers full sun. Flowers a very bright blue, so rare among annuals. Pkt., 5c.

FOUR O'CLOCKS—A

1012. **Dwarf Mixed.** Showy plants, 15 inches tall. Sweet scented flowers of many colors. Pkt., 10c; oz., 25c.

GAILLARDIA—P

1017. **Burgundy.** Large shining wine-red flowers on long stems, from June until frost. Pkt., 5c.

GYPHOPHILA—A

1024. **Baby's Breath.** (Annual.) Graceful branching plants with clusters of delicate white flowers. Beautiful in bouquets with other flowers. Pkt., 5c.

HELIOTROPE—A

1026. **King of the Black.** Its delightful fragrance and easy culture makes it a favorite in any garden. Plants 2 feet tall, with clusters of deep rich purple flowers. Pkt., 5c.

HOLLYHOCK—A

1030. **Double Mixed.** A wide range of beautiful colors. Highly valued for background planting. Pkt., 5c.

NASTURTIUM—A

1085. **Glorious New Hybrids.** Large double sweet scented blooms on long stems. A wide range of colors. Pkt., 10c.

1094. **Dwarf Mixed.** This mixture consists of the richest and most varied combination of colors. Pkt., 5c; Oz., 15c.

MARIGOLD—A

1058. **Tall African.** Immense ball-shaped double flowers borne on long stiff stems. Excellent for cutting. Plants bloom freely from mid-summer until frost and grow 2½ feet tall. Pkt., 10c.

1062. **Pot O' Gold.** A mass of intense dazzling gold flowers, on dwarf compact growing plants of about 10 to 12 inches in height. Pkt., 10c.

1063. **Butterball.** The dwarf mound like plants are literally covered with two-inch flowers of soft butter yellow, lightly tipped with maroon on the center petals. Early flowering. Pkt., 10c.

MIGNONETTE—A

1074. **Sweet Scented.** A well known, old-fashioned flower highly prized for its fragrance, either in garden or bouquets. Pkt., 5c.

PANSY—P

1106. **Masterpiece.** Charming pansies with crinkled and heavily ruffled flowers of rich dark shades. Pkt., 10c.

1107. **Swiss Giant.** Large flowers, perfectly round and many beautiful colors. Pkt., 10c.

1114. **The Viola.** Hardy perennial. Neat plant with small flowers which bloom profusely. Pkt., 5c.

1130. **Mixed Colors.** An excellent mixture of colors. Pkt., 10c.

PETUNIA—A

1142. **Rose of Heaven.** Dwarf bushy plants with very bright and showy dark pink flowers. Pkt., 10c.

1147. **Royal Purple.** Large flowers of a deep purple color. Pkt., 10c.

1150. **Fluffy Ruffles.** Large ruffled and frilled flowers in a well balanced mixture of colors. Pkt., 15c.

1151. **Flaming Velvet.** Large velvety blood-red flowers. Pkt., 10c.

1154. A good Mixture of Common Varieties. 10c.

PHLOX—A

1166. **Choice Mixed.** Well branched plants with large flower heads composed of many round petaled florets. Pkt., 10c.

1168. **Starred and Fringed.** Its very attractive with its fringed and pointed petals in a wide range of colors. Pkt., 15c.

POPPIES—P

1198. **Oriental.** These gorgeous spring flowers, often 6 inches across, of vivid colors, may be left undisturbed for years. Pkt., 5c.

PORTULACA—A

1200. **Single Mixed.** Brilliant colored blooms until frost. Like a hot, sunny place. Pkt., 5c.

1202. **Double Mixed.** Flowers are like little roses of many brilliant colors. Pkt., 10c.

TEN WEEKS STOCK—A

1216. **Finest Mixed.** The large flowers and long stems of this variety make it especially desirable for cutting. Very early blooming. A wide range of colors. Pkt., 10c.

SALVIA—A

1233. **Bonfire.** Erect spikes of brilliant scarlet on plants 14 inches high. Pkt., 10c.

1234. **Blue Bedder.** Long spikes of showy deep blue flowers, splendid for garden display and cutting. Seed sown in May will bloom from July until frost. Pkt., 10c.

SCABIOSA—A

1236. **Double Mixed.** Their long stems and beautiful colored flowers make them very good for cutting. Pkt., 5c.

BEATRICE, NEBRASKA

SWEET PEAS—A

1316. **Spencer Hybrid Mixed.** Large flowering type and early blooming. Pkt., 5c; oz., 15c.

SWEET WILLIAM—P

1320. **Double Mixed.** Hardy perennial. The broad clusters of fragrant flowers have fringed petals. Pkt., 10c.

VERBENA—A

1323. **Spitfire.** Each plant bears 10 to 12 stems that are 15 inches long and can readily be used for bedding and cutting. Mammoth flowers of strong scarlet-rose color. Pkt., 10c.

1324. **New Mammoth.** Fine for beds and borders. Many vividly colored flowers all summer and fall. Pkt., 5c.

ZINNIA—A

1350. **Giant Dahlia Flowered.** These Zinnias are outstanding. The strong stems grow about 3 feet high. Produce pastel colored blooms, resembling a giant dahlia, often 5 inches across and 2 inches in depth. Fine for cutting. Pkt., 10c.

1353. **Howard's Giant Crested.** Blossoms are 4 inches in diameter, with a round cushiony center surrounded by broad guard petals. Magnificent shades of orange, yellow, rose and crimson. Pkt., 10c.

1354. **Double Liliput.** A fine mixture of the dwarf double Zinnia. Pkt., 5c.

1352. **Giant Flowered Mixed.** A well balanced mixture of all colors which make a gorgeous showing. Pkt., 5c.

1360. Giant flowered, white.

1362. Giant flowered, crimson.

1364. Giant flowered, bright pink.

1366. Giant flowered, violet.

1368. Giant flowered, yellow.

Above 5 varieties, 7c each, or 5 for 30c.

STRAW FLOWERS—A

1376. **Special Mixed.** Especially good for winter bouquets. Pick when one-third open and hang heads down in a dry place until thoroughly dry. Pkt., 5c.

CLIMBING VINES—A

1407. **Cardinal Climber.** The leaves are deeply notched which with the cardinal red flowers give this vine a beautiful effect. Pkt., 10c.

1414. **Cypress Vine.** A beautiful annual climber with fern-like foliage and graceful star-shaped flowers. Pkt., 10c.

1416. **Mile-A-Minute Vine.** A rapid grower with fine foliage. Flowers creamy white with deep red centers. Pkt., 10c.

DOLICHOS—A

1416. **Hyacinth Bean.** Very hardy, bean-like flowers in erect racemes, followed by ornamental pods. 10 feet high. A splendid annual climber. Pkt., 10c.

MORNING GLORY—A

1432. **Pearly Gates.** Vigorous, fast climbing vines. Covered with lustrous white flowers from July until frost. Pkt., 5c.

1433. **Heavenly Blue.** Rapid growing vine with large bright sky-blue flowers. Pkt., 5c.

1434. **Scarlett O'Hara.** Fast growing vine with dark green foliage and flowers of a dark wine-red color. Pkt., 5c.

ORNAMENTAL GOURDS—A

1454. **Mixed Varieties.** This special mixture of the large and small ornamental varieties is very interesting. Pkt., 5c; oz., 20c.



PLANT SEEDS THAT GROW

It has always been my policy to procure the very best quality seeds grown. I also do everything possible to keep these good quality seeds pure and true to name. I do not think you will be able to procure better seeds anywhere. You will find my seed pkts. a little better filled than those which most firms send out and I guarantee the seed to be of good germination.

FREE OFFER!

With each purchase of 100 or more of vegetable and flower seeds we will include free the following collection:

- 794 Giant Crego Aster
 - 1058 Tall African Marigold
 - 1350 Giant Dahlia-Flowered Zinnia
- A 35c value.

BORECOLE or KALE

Greens for early fall, winter and spring. Sow seed about middle of June, later transplant to rows 2 to 2½ feet apart. Dwarf sort can be sown later.

C110. Dwarf Green Curled (55 da.). Leaves curly as Parsley, tender and very fine flavor. Immense quantities produced in south find ready sales in the north. Pkt., 10c.

BRUSSELS SPROUTS

C118. Improved Dwarf. The miniature heads are very solid and most delicious. Culture same as cabbage. Pkt., 10c.

"Big 3" Bean Collection

- ½ lb. Sonderegger's Giant Stringless
- ½ lb. Pencil Pod Black Wax
- ½ lb. Burpee's Stringless

55c POST PAID

PRICES OF BEANS

No.	Variety	Pkt.	½ lb.	1 lb.	3 lbs.
C120	Sonderegger's Giant Stringless.....	10c	22c	40c	\$1.10
C126	Burpee's Stringless Green Pod.....	5c	22c	40c	1.10
C134	New Tendergreen	7c	22c	40c	1.10
C142	Brittle Wax	7c	22c	40c	1.10
C144	Improved Golden Wax.....	5c	22c	40c	1.10
C154	Henderson's Bush Lima.....	5c	22c	40c	1.10
C155	Pencil Pod Black Wax.....	5c	22c	40c	1.10
C162	Kentucky Wonder, Pole Bean.....	5c	22c	40c	1.10

Safe Delivery of Shipment Guaranteed. Prices POSTPAID.

BEANS Green Podded

C120. Sonderegger's Giant Stringless Green Pod (54 da.). One of the heaviest bearers. Pods long, round, dark green, stringless, crisp and tender, and of finest quality.

C126. Burpee's Stringless. Plants large, erect, very productive. Pods 6 inches long, round, stringless. Of excellent quality.

C134. New Tendergreen (54 da.). One of the best green podded beans for the Middle West. Pods of dark green color, round, fleshy. Good bearer, excellent for canning.

Yellow Podded Varieties

C142. Brittle Wax. Plants vigorous, very productive. Pods medium round, extremely brittle, fleshy, stringless, free from fiber.

C155. Pencil Pod Black Wax (52 da.). Plants large, stocky, good producer. Pods golden yellow, fleshy, tender and stringless. Finest quality.

C144. Golden Wax (55 da.). An old standard variety. Plants bushy, very prolific. Pods 5 in. long, round, bright yellow, brittle and free from strings.

LIMA BEANS

C154. Henderson's Bush Lima. An extra early butter bean of delicious flavor. Seeds bright green at eating stage and creamy white when dry. A heavy yielder.

POLE BEANS

C162. Kentucky Wonder. A very popular variety. An excellent climber, heavy producer. Bears green pods in large clusters, nearly round, often 10 inches long.

Planting Instructions

Plant beans after all danger of frost is over in rows, 12 to 15 inches apart, 1½ lbs. of beans will be needed for a 100 ft. row. Pole beans may be planted against the garden fence for support.



Sonderegger's Early Blood Turnip

I want to say I always buy your seeds and I had a wonderful garden this spring.

Enclosed you will find a picture of some beets I raised from your seeds.

Miss Bertha Gableman,
.....Iowa

BEETS

C178. Sonderegger's Early Blood Turnip. One of the best for the Middle West. Round medium size, dark red color without light rings. Sweet and tender. Pkt., 8c; oz., 20c.

C179. Ohio Canner (65 da.). This new beet has a deep blood-red color, is tender, sweet and free from stringiness. Round and of uniform size. Pkt., 5c; oz., 20c; 1/4 lb., 50c.

C180. Crosby's Egyptian. Roots are flattened in shape, of medium size, dark red, smooth and tender; one of the earliest. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

C201. Detroit Dark Red (60 da.). Round, dark red, sweet and of excellent quality; does not lose color in cooking. Pkt., 8c; oz., 15c; 1/4 lb., 45c.

C192. Swiss Chard. Grown for leaves only, which are used as spinach. Produces immense quantities of light green leaves from spring until late fall. Pkt., 5c; oz., 15c.

C194. RHUBARB CHARD. A Swiss Chard that looks like Rhubarb. The leaf-stalks are bright crimson, extending out through the veins into the dark green leaves. You will enjoy its delicious flavor. Plants are so beautiful they may be used in flower borders. Pkt., 10c; oz., 25c.

"Big 3" Beet Collection

Sonderegger's Early Blood Turnip

Ohio Canner Crosby's Egyptian

3 excellent sorts,
one pkt. of each **15c** POST PAID

MANGEL BEETS

C198. Giant Half Sugar Mangel Beet. Extra sweet and large, of special high feed value for poultry and dairy use. On heavy soil I prefer this variety, as it grows shallow and is easy to harvest. Oz., 15c; 1/4 lb., 45c.

BEATRICE, NEBRASKA

SUGAR BEETS

C202. Klein Wanzleben Sugar Beet. A standard variety used in making sugar and syrup. Also for stock and poultry feed. Oz., 12c; 1/4 lb., 40c.

CABBAGE

C222. Chinese Celery Cabbage. Makes oblong solid heads, of excellent quality. Plant seed early July. Pkt., 10c; oz., 40c.

C223. Golden Acre (65 da.). This is the very best early round head cabbage. Very fine grained, sweet and juicy, solid heads 3 to 4 lbs. Pkt., 10c; 1/2 oz., 25c; oz., 45c.

C224. Early Jersey Wakefield (65 da.). This is our earliest and best pointed head cabbage. The heads are cone-shaped, very solid and tender. Weight 3 to 4 lbs. Pkt., 10c; 1/2 oz., 25c; oz., 40c.

C226. Copenhagen Market. Heads round, solid, of excellent quality. Medium early. Fine for sauerkraut. Pkt., 10c; oz., 45c.

C227. Marion Market. The heads are very uniform, of the Copenhagen Market type, making good early round heads. It is a yellow resistant variety. Pkt., 10c; oz., 45c.

C236. Sonderegger's Improved Danish Ball-head (100 da.). An excellent variety for late fall and winter use. Heads large, round, fine grained, sweet and juicy. Pkt., 10c; 1/2 oz., 30c; oz., 55c.

C238. Premium Late Flat Dutch. This is the largest and best of the flat head varieties. Best for late fall and winter use; good keeper. Pkt., 10c; oz., 50c.

C240. Savoy, King of Earliest. Best of all sorts Savoy cabbage. Heads medium size, very solid and of excellent quality. Pkt., 10c; 1/2 oz., 25c; oz., 45c.

C244. Mammoth Red Rock. The finest, surest heading sort of red cabbage, of extra fine quality. Pkt., 10c; oz., 55c.

"Big 3" Cabbage Collection

Premium Late Flat Dutch

Early Jersey Wakefield

Marion Market

All three for.....**25c** POST PAID



Marion Market Cabbage

CARROTS

C252. New Bunching. Main crop variety and for winter use. Roots 7 to 9 inches long, very symmetrical and smooth. Used extensively for market. Pkt., 7c; oz., 20c.

C254. Sonderegger's New Scarlet (70 da.). Best second early variety. The roots grow quite large, are of orange red color and excellent winter keeper. Pkt., 7c; oz., 25c.

C256. Sonderegger's Imp. Half Long. (60 da.). The roots and flesh are of bright orange red color, of medium size and fine grained. Pkt., 5c; 1/2 oz., 15c; oz., 25c.

C260. Red Core Chantenay. The roots are smooth with blunt end. Their rich deep red color makes them a favorite with the housewife. Pkt., 5c; 1/2 oz., 15c; oz., 25c.

C264. Oxheart. A very short and stumpy variety. Extra early and of fine quality. Pkt., 5c; 1/2 oz., 13c; oz., 20c.



Sonderegger's New Scarlet

C261 Carrot Collection

1 Pkt. Sonderegger's Imp. Half Long

1 Pkt. Sonderegger's New Scarlet

1 Pkt. New Bunching

3 best

varieties.....

18c

POST
PAID

CAULIFLOWER

C246. Sonderegger's Improved Earliest Dwarf. Heads uniform in size, of fine quality. I find this to be the best of all varieties for the Middle West. Pkt., 25c.

Beatrice
SEEDS - SEEDS - SEEDS

CELERY

C272. Sonderegger's Self Blanching. Medium height, stocky and very compact. Foliage yellowish green, Stalks solid, broad and of delicate flavor. Pkt., 10c; 1/2 oz., 40c.

C274. Golden Self Blanching. Very early. Stalks solid, brittle and of delicious flavor. Pkt., 10c; 1/2 oz., 40c.

C282. Sonderegger's Best Celeriac. Large white roots, smooth, of excellent quality and flavor. Pkt., 15c; oz., 45c.

CORN SALAD

C280. Large Leaved. This small salad is used during the winter and spring months as a substitute for lettuce and is cooked and used like spinach. Sow seed in shallow drills, one foot apart, during August or September, or early in the spring. Pkt., 10c.

EGGPLANT

C284. Spineless. A good bearing variety. The broad, oval, dark purple, glossy fruits are of superior quality. Retains its beautiful color a long time. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

ENDIVE

C286. Green Curled. Makes delicious fall and winter salads. Frost improves its flavor and quality. Pkt., 10c; oz., 30c.

C288. Broad Leaved Batavia. Large summer variety. Pkt., 10c; oz., 30c.

KOHL RABI

C342. Early White Vienna. An excellent vegetable with roots of fine quality. Grown above ground. Cook like turnips. Pkt., 5c; 1/2 oz., 20c.

LEEK

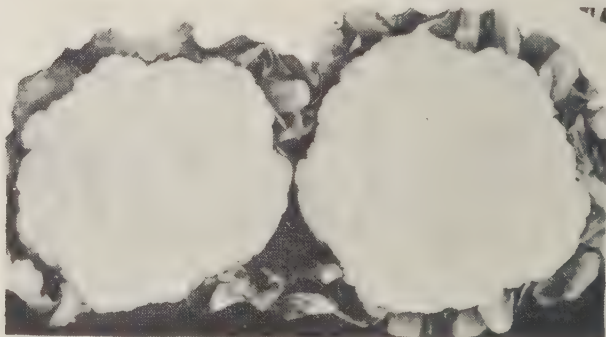
C346. The large London variety. Mild; for flavoring soups, or cooked like creamed onions. Pkt., 15c; 1/2 oz., 30c.

MUSTARD

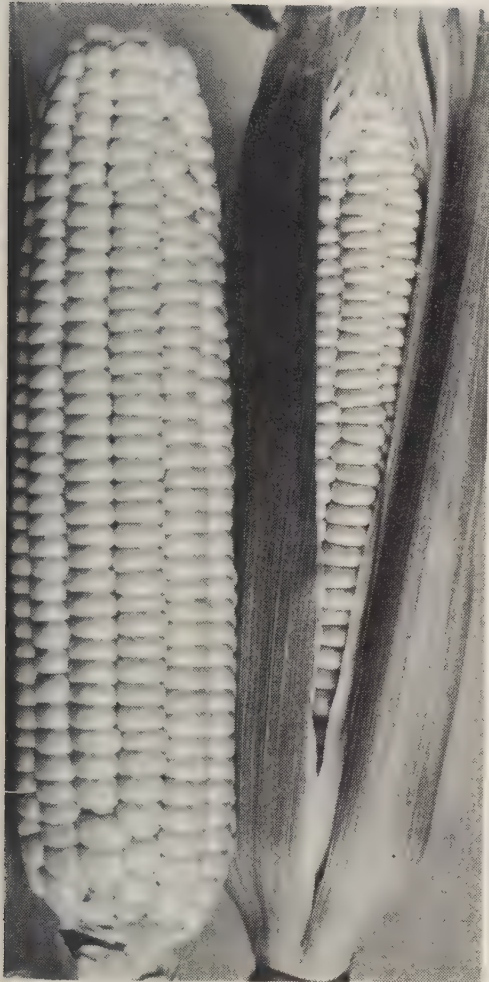
C378. Southern Giant Curled. Highly esteemed in the South where the seed is sown in the fall and the plants used early in the spring for salads. Pkt., 5c; oz., 10c.

OKRA

C380. White Velvet. Okra is delicious for stews, for flavoring soups, and for salads. It is easy to raise and yields immense crops. The pods are used when from 1 to 2 inches long. Pkt., 5c; oz., 10c; 1/4 lb., 25c.



Sonderegger's Improved Earliest Dwarf



Golden Cross Hybrid

HOTKAPS



Hotkaps not only make the young plants grow faster, but they protect them from frosts and insects. Hotkaps have been tried out for several years and we have many testimonials showing where Hotkaps produced ripe tomatoes two weeks earlier than where they were not used. More information given on request.

Home Garden Package, 25 Hotkaps and Cardboard Setter, 65c, postpaid; 50c not prepaid.

100 Hotkaps with Fiberboard Setter, \$2.35, postpaid.

250 Hotkaps with Fiberboard Setter, \$3.50, not prepaid.

1,000 Hotkaps only, \$10.25, not prepaid.

BEATRICE, NEBRASKA

SWEET CORN

C292. Sonderegger's Early Golden. (65 da.). After many years of selection I find this to be one of the best yellow varieties for this section. Stalks medium height, ears 7-9 inches long filled with sweet plump golden yellow kernels. Pkt., 7c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

C296. Sonderegger's Earliest (60 da.). The earliest of all large eared white seeded varieties. Ears are filled with deep grained pearly white kernels. Pkt., 5c; 1/2 lb., 20c; lb., 35c.

C304. Sonderegger's Early Evergreen (70 da.). This variety is very much like Stowell's Evergreen but 10 days earlier. Excellent quality, good canner. Pkt., 5c; 1/2 lb., 20c; lb., 35c. 3 lbs., \$1.00; postpaid.

C305. Golden Cross Hybrid. Of all the yellow Hybrids I like this one best. Every stalk produces one or two medium sized ears filled with large golden yellow luscious kernels. Pkt., 8c; 1/2 lb., 30c; lb., 50c; postpaid.

C306. Country Gentleman. Very productive, kernels irregular, very deep, pure white and sweet. Ears 9 inches long. A very good variety. Pkt., 5c; 1/2 lb., 20c; 1 lb., 35c; 3 lbs., 90c; postpaid.

C307. Hybrid Stowell's (95 da.). A big eared, thrifty, high yielding white hybrid. It has an unusually rich, sweet flavor. Pkt., 10c; 1/2 lb., 25c; lb. 40c; postpaid.

C308. Stowell's Evergreen. The standard main crop white sweet corn. Large ears, sweet and stay tender a long time. Especially fine for canning. Pkt., 5c; 1/2 lb., 18c; lb., 30c; postpaid.

POP CORN

C309. Baby Jumbo. An improved variety of Dynamite with the hulls practically eliminated. A good producer, is of excellent quality. Oz., 5c; 1/4 lb., 15c; lb., 40c; 3 lbs., \$1.00; postpaid.

C311. Hybrid White Hulless. An extra heavy yielding variety. Hulless and of fine quality when popped. Pkt., 10c; 1/4 lb., 15c; lb., 45c; postpaid.

"Big 3"

SWEET CORN COLLECTION

1/4 lb. Sonderegger's Early Evergreen
1/4 lb. Sonderegger's Early Golden
1/4 lb. Sonderegger's Earliest

Choicest Three for... **25c** POST PAID

FRUITONE

Hormone spray for preventing preharvest drop of apples. Holds apples on the tree longer. Fruitone sprayed on flowers such as tomatoes and beans produce better set of seed and fruit. 3/8 oz. pkg., 25c; 2 oz. can, \$1.00, makes 25 gals. of spray.

ROOTONE

A hormone powder easy to use, no skill is needed to apply Rootone, no measurements, no vials, no elaborate charts to follow, just dip and plant. 1/4-oz. pkg., 25c; 2-oz. jar, enough to treat 3,000 cuttings, \$1.00 1-lb. jar will treat up to 30,000 cuttings, \$5.00.

TRANSPLANTONE

Excellent to overcome the shock of transplanting due to root disturbance. It is clean, odorless, economical and may be used freely on all kinds of plants. 1/2-oz. pkg., 25c; 3 oz., \$1.00.

"Big 3" Cucumber Collection

**C325. Davis Perfect,
Improved Long Green,
Chicago Pickling.**

The three best for home garden.
(Regular price 21c.) 17c, post-
paid.



Improved Hanson

CUCUMBERS

C320. Davis Perfect. An excellent mid-season variety. Fruits 9 to 10 inches long, 2½ inches thick, dark green color, tapered at both ends. Flesh crisp and of good quality. Pkt., 8c; oz., 20c; ¼ lb., 60c.

C324. Improved Long Green (70 da.). Makes delicious pickles when small. Crisp, of fine flavor, 9 inches long, dark green. Pkt., 5c. oz., 20c; ¼ lb., 60c.

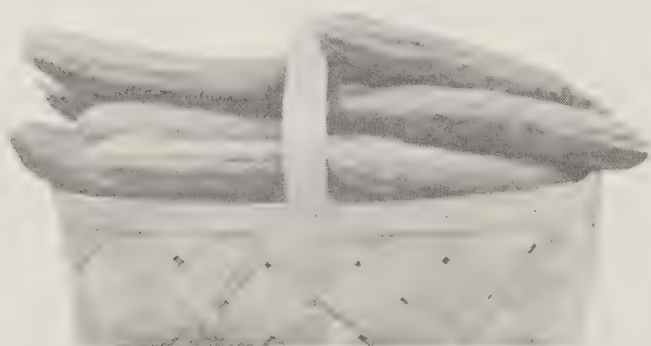
C327. Straight Eight. The most desirable slicing cucumber you can plant. The straight symmetrical fruits grow about 8 inches long and 1½ inches in diameter. The color is a rich deep green. Pkt., 10c; oz., 25c; ¼ lb., 75c.

C328. Early Cluster. Hardy vines bearing clusters of two and three. Short, thick, dark green cucumbers. Pkt., 5c; oz., 20c.

C330. New Everbearing. A small early variety. Its outstanding feature is that the vines continue to bear throughout the growing season. Fruits short, slightly pointed and of superior quality. Pkt., 5c; oz., 20c; ¼ lb., 60c.

C332. Chicago Pickling (58 da.). Special for pickles. Medium length, dark green color. Pkt., 5c; oz., 20c; ¼ lb., 60c.

Protect Your Cucumbers By Using
KUBECIDE (See Page 58.)



Straight Eight

LETTUCE

C350. Sonderegger's Extra Early Head. Heads are of medium size, solid, round. This lettuce is rich in flavor, buttery, crisp and tender. Pkt., 10c; oz., 30c.

C352. Improved Hanson. A very reliable sure heading variety. Leaves large, broad and crimped, of light green color and fine quality. Pkt., 5c; oz., 20c.

C354. Sonderegger's Butterhead. Best all around lettuce, extra good for forcing and summer use. Pkt., 10c; oz., 25c.

C358. Prizehead. An early non-heading variety. The crumpled, crisp tender leaves are tinged brownish red. Pkt., 10c; oz., 20c.

C365. Oak Leaf. A novel salad lettuce. Shaped like an oak leaf, deep green color, exceptionally rich in vitamins, tender and of excellent flavor. Stands up well in hot weather, never turns bitter. Pkt., 10c; oz., 20c.

C366. Early Curled Simpson. Leaves tender, sweet, of light green color, and excellent quality. A very early variety. Pkt., 5c; oz., 20c.

C367. Black Seeded Simpson. Quick growing variety. Outer leaves light green, crisp, of fine texture and exceptionally fine flavor. Pkt., 10c; oz., 20c.

"Big 3" Lettuce Collection

1 packet of each:

Early Curled Simpson
Sonderegger's Extra Early Head
Improved Hanson

All for **18c** POST PAID

CANTALOUPE

B389. Bender's Surprise. A large size melon weighing 7 to 8 pounds. Round shaped, deeply ribbed with coarse netting. Flesh bright orange, very thick and sweet. An excellent home garden variety. Pkt., 10c; oz., 20c; ¼ lb., 65c.

B390. Rockyford. A comparatively small green fleshed melon of about 2 pounds; oval type, slightly ribbed. Flesh thick with gold tinge at center, juicy and of excellent flavor. Pkt., 8c; oz., 20c; ¼ lb., 65c.

B391. Hearts of Gold. A variety that is highly prized. Fruits are medium size, nearly round. Flesh a deep orange, extremely thick, fine grained and very sweet. Pkt., 10c; oz., 20c; ¼ lb., 65c.

B392. Sugar Rock. A melon that is very popular for its earliness and superior quality. The melons are very attractive, medium in size, round, covered with a coarse netting. The flesh is firm, thick, deep orange in color, very sweet and of delicious flavor. Pkt., 10c; oz., 20c; ¼ lb., 65c.

B395. Sonderegger's Earliest. The earliest orange flesh melon. Fruits nearly round, 5 to 6 inches in diameter, slightly ribbed. Flesh thick, deep orange color, juicy and very sweet. Pkt., 10c; oz., 20c; ¼ lb., 65c.



Sonderegger Earliest

"Big 3" Cantaloupe Collection

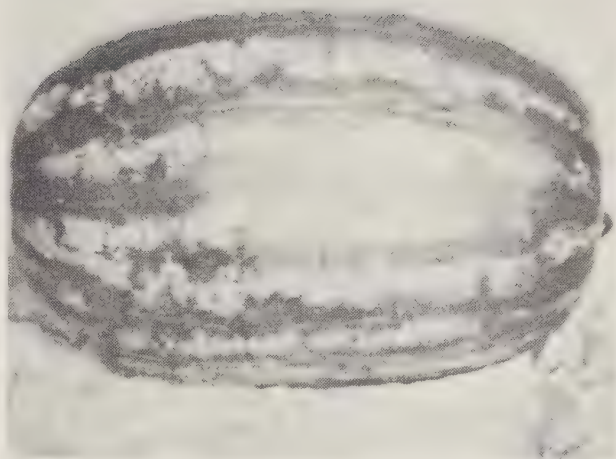
SONDEREGGER'S EARLIEST
HEARTS OF GOLD
ROCKYFORD

ALL 3 FOR..... **22c**

"Big 3" Watermelon Collection

TOM WATSON, EARLY KANSAS
NEW KLONDIKE

ALL 3 FOR **15c** POST PAID



Early Kansas

WATERMELONS

B404. Tom Watson. Extra long, tough but thin rind. Deep red flesh. Pkt., 5c; oz., 15c; ¼ lb., 30c.

B408. Kleckley Sweet. (85 da.). Oblong shaped, dark green. Flesh dark red, very sweet, solid and stringless. Pkt., 5c; oz., 15c; ¼ lb., 25c.

B409. Early Kansas (85 da.). Large size, dark green with lighter stripes. Flesh bright red. Delightful flavor. Pkt., 7c; oz., 15c; ¼ lb., 25c.

B410. New Striped Klondike (90 da.). An extra large variety, light green, striped dark green. Good shipper. Flesh deep red, sweet and tender. Pkt., 7c; oz., 15c; ¼ lb., 30c.

B412. Stone Mountain (85 da.). Large, almost round. Flesh bright scarlet, sweet and crisp. Pkt., 7c; oz., 15c; ¼ lb., 30c.

Herbs Are Back

C678. ANISE—A. Used for garnishing, seasoning and for cordials. Seeds have an agreeable taste. Pkt., 10c.

C688. CARAWAY—A. Seeds are used for flavoring bread, pastry, meats, etc.; also used in confectionery and medicine. Pkt., 10c.

C691. CHIVE SEED. Plants used for flavoring. Pkt., 25c.

C696. DILL—A. Leaves and seeds are used for preserves and pickles. Pkt., 10c.

C700. LAVENDER. The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers, which are fragrant. Pkt., 10c.

C706. SAGE—P. Leaves used for seasoning and dressing; also in medicine. Pkt., 10c.

C710. SUMMER SAVOY. The leaves and young shoots are used for flavoring. Pkt., 10c.

ONIONS

C432. Sonderegger's Prizetaker. Easy to grow from seed to medium size. Flesh pure white, finest quality, rather mild. Pkt., 15c; 1/2 oz., 45c; oz., 75c.

C440. Yellow Globe Danvers. White flesh, crisp and very good quality. Firm, solid bulbs; fine for storage. Pkt., 15c; 1/2 oz., 40c; oz., 75c.

C442. White Sweet Spanish. The pure white flesh of this onion is fine grained and sweet. Pkt., 15c; 1/2 oz., 45c.

C450. Yellow Bermuda. A very large globe-shaped onion with mild, crisp flesh. A good keeper and fine for markets. Pkt., 15c; 1/2 oz., 50c; oz., 85c.

C473. Bermuda Onion Plants. Plant as soon as ground is warm. A very mild onion, when used as a green or a large onion. Plants can not be shipped until about first of April. Per bundle, 20c; 5 bundles, 85c.



Yellow Bermuda

ONION SETS

	1 lb.	3 lbs.
C458. White	35c	\$1.00
C462. Yellow	35c	1.00
C464. Multiplier Onion Sets.....	35c	1.00

GARLIC

C748. Very pungent. Grown for seasoning. Large bulbs (break them up to sets), 5c; 1/4 lb., 15c; 1 lb., 45c.

PARSLEY

C474. Champion Moss Curled. Leaves extra large, deep rich green and very curly. Pkt., 7c; oz., 15c.

C478. Hamburg. Turnip-rooted; of this variety the roots as well as the tops are used. Pkt., 7c; oz., 15c.

PARSNIPS

C480. Improved Guernsey (85 da.). Roots thick, of medium length, quality of this Parsnip is excellent, roots smooth, and fine grained. Very satisfactory for home use or market. Pkt., 8c; oz., 15c; 1/4 lb., 40c.

PEANUTS

They do best in a light soil. Take them up, tops, peanuts and all just before frost in the fall. Allow them to dry out in the air. Plant in rows 4 feet apart.

C484. Mammoth Virginia. Most profitable variety to grow for home use or market, as the nuts are quite large. Plants grow erect. Pkt., 10c; 1 lb., 35c; postpaid. Not prepaid, 5 lbs., \$1.50.

GARDEN HUCKLEBERRY

C521. Fruits small, about the size of a gooseberry, color a deep purple. Plant upright in growth. For preserves, cook with sugar and lemon. Pkt., 10c; 1/2 oz., 30c.

PEPPERS

C522. Sonderegger's New Royal. Extra thick flesh, juicy, sweet and very mild. Fine for stuffed peppers. Pkt., 10c; 1/2 oz., 25c.

C525. Harris Early. Earliest variety. Fruit medium size, dark red and very sweet. Pkt., 10c; 1/2 oz., 25c.

C532. Perfection Pimento. Thick meat, extra mild and delicious. Heavy bearer. Pkt., 10c; 1/2 oz., 25c.

C526. California Wonder. It produces smooth uniform fruits 4 inches in diameter and 5 inches long, mostly four lobed. The flesh is solid, thick, very mild and sweet. Pkt., 10c; 1/2 oz., 25c.

PUMPKIN

C538. Large Sweet Cheese (110 da.). Large flattened fruit that keeps well. Flesh yellow, thick and very tender. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

C544. Small Sugar. The favorite pie pumpkin. Fruits medium size of deep orange color with thick sweet flesh. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

C545. Winter Luxury. The shape is much like small sugar. The color is deep orange and the entire fruit is covered by a fine gray netting. It is one of the sweetest varieties and used chiefly for pies. Pkt., 5c; oz., 15c; 1/4 lb., 25c.

C610. Cushaw. Always large, mottled green and white, solid and heavy. Fine grained and sweet. Also called squash. Pkt., 5c; oz., 15c; 1/4 lb., 30c.





Little Marvel

"BIG 3" Pea Assortment

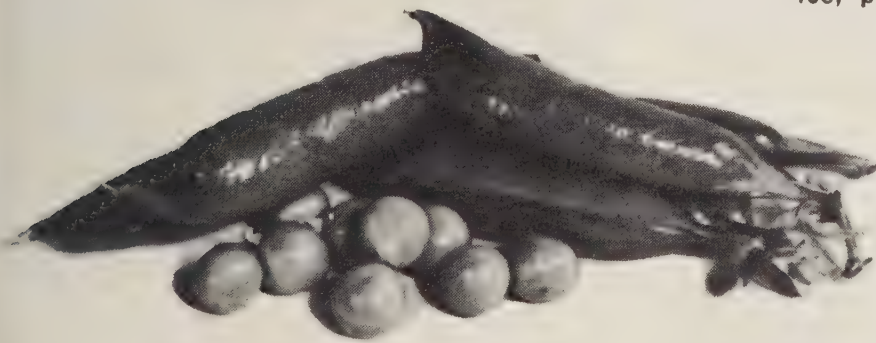
1/2 lb. Alaska
1/2 lb. Everbearing
1/2 lb. American Wonder

55c POST
PAID

Prices of Peas

No.	Variety	Pkt.	1/2 lb.	1 lb.	3 lbs.
B488	Alaska	5c	20c	35c	\$1.00
B490	Little Marvel	5c	20c	35c	1.00
B496	Laxton Progress	5c	20c	35c	1.00
B497	Laxton Superb	10c	20c	35c	1.00
B498	American Wonder	5c	20c	35c	1.00
B506	Peter Pan	5c	20c	35c	1.00
B512	Everbearing	5c	20c	35c	.95
B518	Dwarf Gray Sugar	10c	25c	45c	1.25

Postpaid to Your Door.



Laxton's Superb

PEAS

B488. Alaska (45 da.). The earliest of all peas. A splendid bearer. Pods 2 1/2 inches long, well filled with 5 to 7 peas. Good canning variety. Grows 24 inches high.

B490. Little Marvel (55 da.). A very dwarf sort, grows 15 inches high. Can be planted very early. Long pods with 5 to 7 peas of excellent quality.

B496. Laxton's Progress. The largest and best of the medium dwarf varieties. Vines 15 inches high and pods 4 1/2 inches long, deep green and well filled with dark green peas of excellent quality.

B497. Laxton Superb. One of the very best early large podded peas. It is of excellent quality, richly flavored, and the pods are packed with medium sized peas, usually eight in a pod. Grows about 16 inches high. A heavy yielder and extremely desirable for canning.

B498. American Wonder. (52 da.). The earliest wrinkled variety. Grows 15 inches high, needs no brush. Pods well filled with large peas.

B506. Peter Pan. Best all around variety for the Middle West. Grows 18 inches high. Pods very large, filled with 6 to 8 very large sweet peas.

B512. Everbearing (60 da.). An excellent second early sort. Grows 20 inches high. Pods filled with large delicious peas, excellent for canning.

B518. Dwarf Gray Sugar (65 da.). The best of all sugar peas. Very sweet, excellent quality. Pods medium size. Grows 24 inches high.



Treat all your Beans and Peas with Nitragin before you sow. You will get a better stand, a better crop, and

it improves the soil. Cannot be used except with the seed before sowing. Not good for any other kind of seeds. Garden size tin, enough to treat 4 pounds of seed, 10c, postpaid.

Planting Instructions

Plant peas early as they require cool weather to do their best. Sow seed in rows not less than 18 inches apart, covering 1 1/2 to 2 inches deep. One pound will sow 100 feet of row.



French Breakfast

TAMPALA

C597. Tampala. It is a delicious green vegetable. Leaves are cooked and served like Spinach. Tampala is easy to grow. Sow seed outdoors any time after the ground becomes warm. It is ready to eat from six to eight weeks after sowing the seed. Pkt., 10c.

"Big 3" Radish Collection

1 Pkt. Sonderegger's White Icicle

1 Pkt. Red Bird 1 Pkt. Sparkler

3 CHOICE RADISHES FOR **15c** POST PAID

RADISHES

C552. Saxa. It is one of the earliest radishes and slow to run to seed. The tops are very small, the radishes are round and bright scarlet.

C553. Sonderegger's Giant Butter. A favorite variety for home gardens. Roots crimson in color with white, tender and juicy flesh. Will not get pithy.

C554. Sparkler. Deep scarlet with a pure white tip. The radish is solid, crisp and of very fine quality.

C555. Red Bird. Rich scarlet color, flesh snow white and crisp. A very early radish.

C556. Sonderegger's White Icicle. An extra fine white long radish. It is mild and of very fine quality.

C568. French Breakfast. This is a well known oval-shaped radish of bright scarlet with white tip.

C580. Rose China (Winter Radish). Roots 4 to 6 inches long, bright rose-red in color. Flesh white and very firm.

PRICES OF ALL RADISH SEEDS

No.	Variety	Pkt.	Oz.	$\frac{1}{4}$ Lb.
C552	Saxa	5c	10c	25c
C553	Sonderegger's Giant Butter	7c	20c	40c
C554	Sparkler	5c	15c	30c
C555	Red Bird	5c	15c	30c
C556	Sonderegger's Icicle.....	5c	15c	30c
C568	French Breakfast	5c	15c	30c
C580	Rose China	10c	15c	30c

Postpaid, safe delivery guaranteed.

SALSIFY

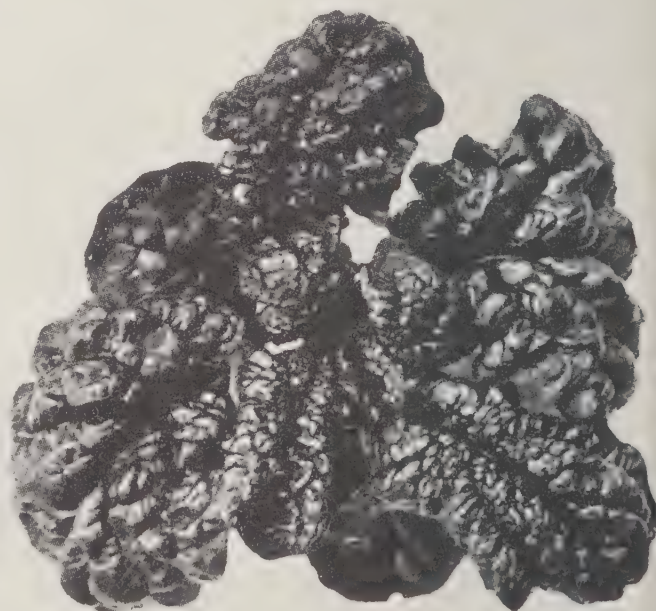
C586. Oyster Plant. Makes a most delicious vegetable dish. May remain outdoors over winter. Culture same as carrots. For winter use store in sand in cellar. Pkt., 10c; oz., 25c.

SPINACH

C592. Broad Leaf Nobel. The leaves are very large, thick, broad and slightly crumpled, arrow-shaped with a rounded top, are medium green in color, very crisp and tender. Remain in good condition for a long time. Pkt., 10c; oz., 20c.

C594. Long Standing. The leaves are thick, round and of dark green color. Does not go to seed until late in season. Pkt., 10c; oz., 20c.

C596. New Zealand. Enjoy fresh, tender greens all summer. The more you cut the more it grows. Pkt., 10c; oz., 25c.

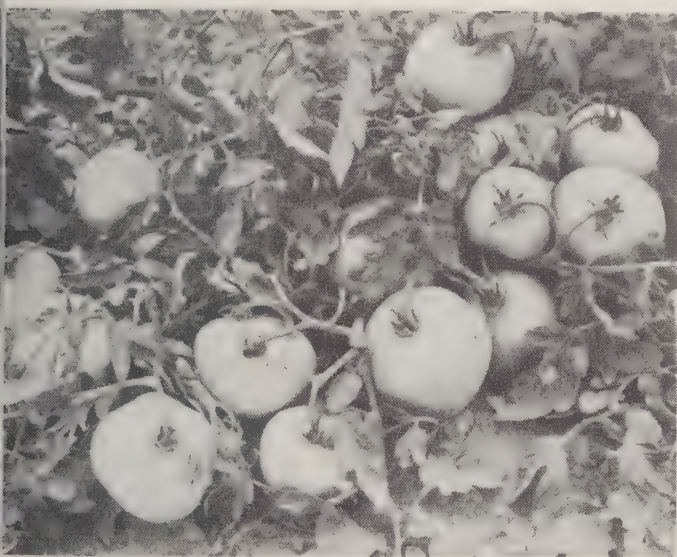


Broad Leaf Nobel

TOMATOES

C622. Sioux. This new main crop tomato developed by the Nebraska Agricultural College is becoming more popular every year. The fruits are borne in clusters, are medium size, medium early and of a bright red color. Heavy bearers producing as many as 21 lbs. of medium size fruits on one plant up to October 5th with 85 per cent of them U. S. No. 1 quality. Pkt., 25c; 2 for 45c. See cut, back page.

C623. Red Cloud. This variety was also introduced by the Nebraska Agricultural College. The plants grow very strong and prolific; in one test plot they averaged 13.5 lbs. ripe tomatoes per plant. The fruits are medium size, almost round, very solid meated and of a bright red color. When blossoms are sprayed with Fruitone the fruits are almost seedless. Pkt., 25c; 2 pkts., 45c.



"Big 3"

Tomato Collection

1 Pkt. Spark's Earliana

1 Pkt. Marglobe

1 Pkt. Pritchard

3 FAVORITES FOR **15c** POST PAID

Price of All Tomatoes

No.	Variety	Pkt.	$\frac{1}{2}$ Oz.
C622	Sioux	25c	...
C623	Red Cloud	25c	...
C626	Pritchard	7c	25c
C627	Firesteel	20c	...
C628	Spark's Earliana	5c	25c
C629	New Marglobe	7c	25c
C632	Rutgers	10c	25c
C640	New Stone	5c	25c
C648	Yellow Pear	7c	...
C652	Bison	10c	30c
C654	The Ruby	15c	...

BEATRICE, NEBRASKA

GROW BETTER TOMATOES BY USING HOT-KAPS and FRUITONE. See Page 61.

C626. Pritchard or Scarlet Topper. Extremely solid and heavy with thick walls of deep scarlet color. Very productive; one of the very best for home use or market.

C627. Firesteel. A small vine with medium sized red tomatoes that are early, smooth and firm fleshed. For dry seasons there is nothing to equal it as it will set fruit when other types are dropping their blossoms.

C628. Spark's Earliana. Large, fine quality. Stoutly bunched and very productive; fruit slightly flat, and red.

C629. New Marglobe. Second early on the market. Plants are vigorous growers and continue bearing until fall. Tomatoes large, round, smooth and of very dark color.

C632. Rutgers. Plant large with thick stems and vigorous foliage. Fruits globular, bright red, smooth with thick walls and small seed cells.

C640. New Stone. Large fruit, scarlet in color. Smooth and ripening evenly and without any cracks. For main crop.

C648. Yellow Pear. Small yellow pear-shaped fruit which is used mostly for preserving.

C652. Bison. Very early, of medium size and very solid. A strong grower and heavy bearer, resists drought extra well.

C654. The Ruby. The strong, healthy vines produce an enormous crop of medium to large size rich red tomatoes. The globe-shaped fruits grow in clusters of 6 to 10. Very solid and meaty.

SQUASH

C603. Sonderegger's Table Queen. This is a small acorn shaped squash, smooth and very dark green in color with deep ridges. The flesh is very tender, deep yellow, and when baked and eaten from the shell is delicious. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c.

C604. Banana (110 da.). Cylindrical fruits usually 20 to 24 inches long and 6 inches in diameter. The skin is smooth and greenish gray with thin rind. The orange yellow flesh is firm and solid, free from fibre and of delicious flavor. Excellent for pies. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 35c.

C605. Early Prolific Straightneck. The fruits are 8 to 10 inches long, 2 to $2\frac{1}{2}$ inches in diameter. It is long, slender, pear shaped with rounded tip, smooth and light yellow in color. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c.

C614. Warty Hubbard. Very dark green shell, hard and warty. Flesh tender and well flavored. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

TURNIPS

C662. Purple Top Strap Leaf. Flat, medium sized roots, purple top, fine grained and mild. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.35.

C666. Purple Top White Globe. Firm, fine grained, white and of fine flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.35.

C676. Purple Top Yellow Rutabaga. Best yellow meated; good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 40c; lb., \$1.45.

TRI-OGEN

The All-Purpose Spray

A POSITIVE PLANT PROTECTION

This complete Rose Garden Spray Treatment—Tri-ogen—offers the first definite mildew and black spot control combined with an insecticide. It kills all insects, including the sucking and leaf-eating types. It remains on foliage, repelling subsequent attacks. Tri-ogen also stimulates plant growth, resulting in fine foliage and luxuriant bloom. A small kit (makes 16 quarts), postpaid, \$1.60.

POMO GREEN

Without nicotine. The new green fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Ceiling prices: lb., 50c; 5 lbs., \$1.75.

NITRAGIN

This is not a fertilizer and must be applied to seed before planting. Nitragen can only be used on legume plants. It improves the root system and gives the plants a much better growth. For beans, peas and sweet peas, enough to treat 4 lbs. of seed, 10c. For all clovers, alfalfa, also lespedeza. Bu., 50c; 2½ bu., \$1.00; postpaid.

ADMIRAL DUSTER

This new design Duster has been tried out and is a big improvement over the old type. It dusts all kinds of fine powders very evenly. It does the job with less materials, less energy, and does it better. Size of dust container 4 inches in diameter and 4½ inches long. Pump 14 inches long. \$1.35, postpaid.

HAMMOND'S SLUG SHOT

The safest, most effective, easiest to use and most economical insecticide made. Used on cabbage, cauliflower, beans, etc., without fear of harm. Lb., 35c; 5 lbs., \$1.30; postpaid. Not prepaid, lb., 30c; 5 lbs., \$1.00. Liquid, 1-oz. bottle, 35c; 4-oz. bottle, \$1.10; postpaid.

FANCY KENTUCKY BLUE GRASS

One pound of this seed will make a perfect stand on 200 square feet. Figure your seed on that basis. Spade the ground about 6 inches deep. Rake the ground. Now apply 3 to 4 pounds of Vigoro per 100 square feet. Rake again lightly. Wait from two days to a week before sowing. If there is no rain during that time sprinkle the soil. Sow, rake lightly, then roll to pack the ground. Apply a cover of fine cut straw, or better, of Peat Moss, soak the lawn down heavily. There is no substitute for this tested process. Prices same as Lawn Grass.

WHITE DUTCH CLOVER

Lb., \$1.25, postpaid.

VIGORO

VICTORY GARDEN FERTILIZER

Proper feeding with Vigoro Victory Garden Fertilizer will go a long way toward helping you produce big yields of vitamin-yielding, mineral-rich vegetables. Vigoro builds up the soil, gives it what plant life requires, a balanced ration of plant food. It's economical to use. 12-oz. pkg., 20c; 5 lbs., 65c; postpaid. Not prepaid, 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50.

ELASTIC PRUNING PAINT

Should be used wherever a limb is cut off or where the bark has been peeled off by rabbits. Prevents decay until the wound is healed. Quart, \$1.00, postpaid.

KUBICIDE

A safe non-poisonous insecticide. Especially good for cabbage worms, lice and aphids on cucumbers. Directions on every package. 1 lb. shaker top, 40c, postpaid.



Control Garden Pests with this Quick, Easy, New Streamlined

HAN-D Sprayer

It has an all metal top with glass jar. Will fit any small top fruit jar. Has three different size spray

nozzles. For all types of spraying. Only \$2.95 postpaid.

Continuous Hand Sprayer

I consider this the best small hand sprayer made. It sprays a fine mist, up, down, straight ahead or at any angle. This makes it very practical for spraying underneath the leaves, where the plant lice often gather. It sprays continuously, the forward stroke of the plunger storing sufficient pressure to make spray continuous on return stroke. Quart size, \$1.10, postpaid.

LAWN GRASS MIXTURE

Contains, in the proper proportion, the Fancy Kentucky Blue Grass and White Dutch Dwarf Clover, properly mixed so as to make a good even stand. Sow just like described under Fancy Kentucky Blue Grass, no difference in the care. Extra fine, choice seed, per lb., \$1.40; 5 lbs., \$6.75; postpaid.

FIELD SEEDS

As this catalog goes to press early in December, it is impossible to make prices of ALFALFA, CLOVER, GRASS and other field seeds. We will have a complete stock of the very best field seeds. Write us for free samples and prices.



1 2 3 4 5 6 7

Rainbow Group

- | | |
|-------------------------|---------------------------|
| 1. Flaming Sword | 5. Gold Dust |
| 2. Bit of Heaven | 6. Pelegrina |
| 3. Minuet | 7. Dream of Beauty |
| 4. Aflame | |

ALL LARGE-FLOWERING TYPES
42 Bulbs 6 of each shown above **\$3.20**

Postpaid. Safe delivery guaranteed

Gladiolus

No. 1 Bulbs, blooming size

6 for 75c; 12 for \$1.20; 25 for \$2.10;
 50 for \$3.95; 100 for \$7.50

Red Gladiolus

Aflame. See 4.

Bagdad. Beautiful giant, old-rose flowers on large spikes.

Dr. Hoeg. New; dark shiny red. Midseason.

Flaming Sword. See 1. Very good.

Morocco. The darkest red of all red Glads.

Rocket. Brilliant red; new.

Yellow Gladiolus

Bit of Heaven. See 2. Sure bloomer.

Gold Dust. See 5. A grand new flower.

Blue Gladiolus

Blue Beauty. Extra choice.

Minuet. See 3.

Pelegrina. See 6.

Vagabond Prince. Mahogany-brown; very good.

Pink Gladiolus

Beacon. Salmon-scarlet with cream throat, on tall spikes.

Dream of Beauty. See 7. Midseason.

Sweet Alibi. New, extra-large flowers. Shrimp-pink, on tall spikes. One of the best.

White Gladiolus

Snow Princess. Beautiful large snow-white.

Shirley Temple. Ivory-white on giant stems.

Fancy Mixed Gladiolus

All colors, carefully assembled. Large bulbs. 12 for 75c; 50 for \$2.65; 100 for \$4.90.



CONCORD

AGAWAM

NIAGARA

HARDY HEALTHY

CONCORD, BLACK. The well-known, fine old variety planted everywhere. Bunches and berries of good size, black, covered with a rich blue bloom. Skin tender but firm, juicy, sweet when fully ripe; very hardy and productive. There are varieties of better quality for table use, but for jelly, grape-juice or wine, none will equal Concord for heavy production and regular bearing. Can be grown most anywhere; for the Middle West it is the most dependable bearer. 2-year nice plants: 3 for 70c; 10 for \$1.95; 25 for \$4.60; 100, \$16.50. 2-year No. 1 plants, extra heavy: 3 for 98c; 10 for \$2.70; 25 for \$6.00, prepaid.

Plant Grapes so deep that the vines part at surface of the soil. Cut each vine back to 3 eyes. Tie new growth up to stakes or wire fence.

Grape vines cannot be shipped to Washington, Oregon, and Arizona.

GRAPES

NIAGARA, WHITE. By far the most popular white Grape. In hardiness, size of clusters and berries it equals the well-known Concord. Berries pale yellow, when fully ripe very sweet and delightfully flavored. Our two-year-old heavy plants are highly productive and will start bearing the year following planting. 48c each; 3 for \$1.30; 10 for \$3.85; 25 for \$8.90, prepaid.

HEAVY PRODUCERS SURE BEARERS

AGAWAM, RED. Berries large, in loose clusters, of dark red color, skin thick and fleshy. A juicy, highly aromatic table Grape which ripens with Concord. Needs no winter protection in the corn belt. Agawam deserves a place in your garden. Strong 2-year-old plants for quick production, 48c each; 3 for \$1.30; 10 for \$3.85; 25 for \$8.90, prepaid.

HOMESTEAD VINEYARD

3 **AGAWAM**
3 **NIAGARA**
6 **CONCORD**
12 **Choice Grapes**

FREE:

2 Beta with this collection . . . **\$3.98**

PREPAID

Spray Guide

Where Grapes become affected by mildew, black rot, or berry-moth, spray with Pestroy or Bordeaux Mixture. Use 9½ tablespoonfuls per gallon of water. Times of spraying: When new shoots are 8 inches long, just before blooming, right after blooming, and when berries begin to touch in the cluster.

FROM _____

Beatrice
TREES AND SEEDS THAT GROW
SONDREGGERS

BEATRICE NURSERY

BEATRICE, NEBR.

BE SURE TO SIGN YOUR LETTER
AND GIVE FULL ADDRESS

ORDER SHEET

BEATRICE NURSERY

BEATRICE, NEBRASKA

Did you move? If so, please give former address.

Do Not Write in This Space

Date.....1947

Your Name.....

Post Office Street.....

County..... State..... Rural Route No..... Box.....

How shall we ship—Freight, Express or Parcel Post?.....Express Station.....

Your address should be complete and plainly written.

Remittance enclosed: ☐ Check ☐ Money Order ☐ Bank Draft \$.....[illegible]

About what date can you usually start setting out nursery stock in your locality?.....
(Or in other words, how early is the frost usually out of the ground?)

**HARDY
HEALTHY**

GRAPES

**HEAVY PRODUCERS
SURE BEARERS**

FREDONIA, BLACK. Fancy table Grape. This is the finest early black Grape of the hardy class. Fredonia is as hardy as Concord. The berries are of large size, black with blue bloom, and they ripen evenly. Fredonia has a most delicious flavor, rarely found in Grapes. Our Fredonias are of the true original stock.

CACO. The grand table Grape. A fancy Grape of finest quality. Berries extra large, sweet, juicy, with a most pleasing flavor. Coming in well-shaped clusters of light red or amber color it is a most attractive-looking fruit. Caco is perfectly hardy everywhere except the extreme North where it needs a little winter protection. The berries become sweet two weeks before they color up. Caco should be in every garden; it produces well, and there is nothing to take its place for good eating Grapes.

PORTLAND, WHITE. Splendid table Grape. Our earliest white Grape. A fancy variety with sweet and juicy berries. It is a hardy Grape, as hardy as Concord and is a healthy grower. Berries good sized, sweet, juicy and of fine flavor. Portland is also a good producer.

BETA, BLACK. Hardy, rapid grower, for windmill cover and arbor planting. Wherever you plant Beta its sturdy, fast growth and its perfect hardiness will please you. Beta will make quick shade over tall trellis work, arbors, or will cover windmill construction with its good, healthy, clean foliage. Beta produces enormous quantities of Grapes in close-set, medium-size clusters, black in color, highly flavored; one of the very best for very dark-colored juice. Make use of all tall structures, fences, etc. Cover them with Beta Grapes for better looks, shade and plenty of fruit.

Price of all 4 Grapes listed above: 48c each; 3 for \$1.35; 10 for \$4.00, postpaid.

New Golden Muscat Grape

An entirely new Grape, the finest of all table varieties. Berry light golden yellow with white dots and whitish bloom, large, oval shaped, very juicy, tender, aromatic, sweet with a refreshing Muscat flavor. Skin thin, not adhering to flesh; one to two small seeds which separate very easily. This new Grape is hardy throughout the East and Middle West. It is a wonderful producer, with berry clusters extra large. The best there is for table use. It is not a good shipper, for the berries are too tender to stand packing or shipping. Ripens with Concord. Supply limited. Order early. 95c each, postpaid.

Bred for Extra-Heavy Bearing and Hardiness

June-Bearing

STRAWBERRIES

SENATOR DUNLAP. Midseason. Best-known and most widely planted Strawberry for home use and market. Medium-size berries, dark red; quality and texture very fine. A vigorous grower; very hardy. 50 plants \$1.25; 100 plants \$2.25; 300 plants \$6.20; 500 plants \$9.80, prepaid.

SONDEREGGER'S PREMIER. First to ripen. A heavy producer of extra-fine berries which ripen evenly, making it a most desirable berry for the home garden. Very sweet and well flavored. 50 plants \$1.50; 100 plants \$2.65; 300 plants \$7.35, prepaid.

HOME COLLECTION

50 Senator Dunlap

50 Premier 25 Giant Gem

\$3.85 Pre-paid

Free with This Collection

10 Minnesota Everbearing



Giant Gem Everbearing

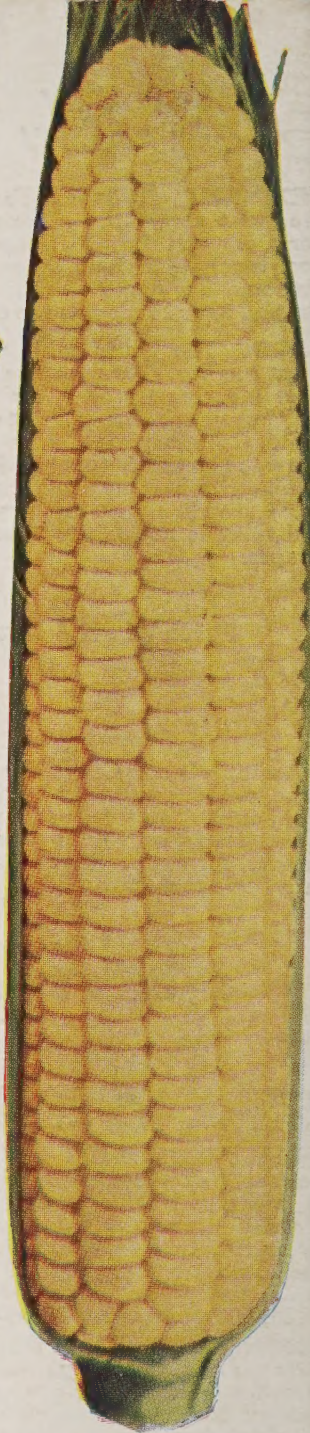
Exceptionally sweet and well flavored. Heavy producer, spring and fall. 25 plants \$1.40; 50 plants \$2.50; 100 plants \$4.45, postpaid.

MINNESOTA NO. 1166. The largest and finest Everbearing Strawberry. 10 plants \$1.00.



C496.
LAXTON'S PROGRESS
Best second-early Peas.
Packet 7c, ppd.
(See page 65.)

COVER COLLECTION
One packet of each shown
here, 30c, postpaid



C305.
GOLDEN CROSS HYBRID SWEET CORN. Finest early Sweet Corn. Packet 8c, ppd.
(See page 61.)



C622.
SIOUX the new outstanding Tomato. A masterpiece of the famous Nebraska College of Agriculture. Packet 20c, ppd. (See page 67.)

Out of the thousands of seed varieties, we list on pages 56 to 67 of this book only those of outstanding repute.